THE UNITED STATES DISTRICT COURT SOUTHERN DISTRICT OF OHIO EASTERN DIVISION

SOUND ENERGY COMPANY, INC.,

Plaintiffs,

VS.

ASCENT RESOURCES – UTICA, LLC, et al.,

Defendants.

Civil Action 2:18-cv-1771

CHIEF MAGISTRATE JUDGE ELIZABETH P. DEAVERS

Jury Demand Endorsed Herein

FIRST AMENDED COMPLAINT

Now come the Plaintiffs and for their First Amended Complaint against the abovecaptioned Defendants (collectively "Defendants") they allege the following:

PARTIES

- 1. Plaintiff Sound Energy Company, Inc. ("Sound Energy") is a corporation organized under the laws of the State of Ohio and is authorized to do business therein. At all times relevant, Sound Energy was authorized to do business in the State of Ohio.
 - 2. Plaintiff Bruce A. Levengood is an Ohio resident.
 - 3. Plaintiff Robert F. Timmerman is an Ohio resident.
 - 4. Plaintiff Michael L. Demattio is an Ohio resident.
 - 5. Plaintiff Charles A. Baker is an Ohio resident.
- 6. Plaintiff Cassandra McCune, Individually and as Executor of the Estate of Michael McCune, is an Ohio resident.

- 7. Upon information and belief, Defendant Ascent Resources Utica, LLC ("Ascent") is an Oklahoma limited liability company registered as a foreign limited liability company to do business in the State of Ohio. It has engaged in sufficient contacts in the State of Ohio as described below establishing personal jurisdiction in Ohio.
- 8. Upon information and belief, Defendant Carrizo (Utica) LLC ("Carrizo") is a Delaware limited liability company registered as a foreign limited liability company to do business in the State of Ohio. It has engaged in sufficient contacts in the State of Ohio as described below establishing personal jurisdiction in Ohio.

VENUE

9. Venue is appropriate in this Court pursuant to Civ.R. 3(B)(3), (5), and (6).

SOUND ENERGY OIL AND GAS LEASES

- 10. Sound Energy is an Ohio oil and gas exploration and production company. Sound Energy owns numerous oil and gas leases covering real property throughout the State of Ohio, including real property located in Guernsey County, Ohio.
- 11. In 2012, Plaintiffs were joint lessees for several oil and gas leases covering properties in Guernsey County, Ohio, with said leases being more particularly identified and described in a June 2012 assignment of overriding royalty interests between Sound Energy and the other Plaintiffs, a true and accurate copy of which is attached hereto as **Exhibit 1** and made a part of this First Amended Complaint. The oil and gas leases covered by that assignment, which are the subject matter of this lawsuit, shall be referred to as the "Sound Energy Leases." The Sound Energy Leases are described within the exhibit attached to the June 2012 assignment between Sound Energy and the other Plaintiffs.

12. As the lessee of the Sound Energy Leases, Plaintiffs owned the sole and exclusive right to produce the oil and gas associated with the leaseholds covered by the Sound Energy Leases.

THE PLAINTIFFS' OVERRIDING ROYALTY INTEREST

- 13. In June of 2012, Sound Energy assigned certain interests in the Sound Energy Leases to the other Plaintiffs. [See Exhibit 1].
- 14. Through Exhibit 1, a written instrument entitled "Partial Assignment of Oil and Gas Overriding Royalty Interest," Sound Energy assigned an overriding royalty interest in the Sound Energy Leases to the other Plaintiffs (the "Plaintiffs' ORRI"). Plaintiffs' ORRI is "payable out of all oil, gas and associated hydrocarbons produced, saved and sold, on a lease by lease basis, from the Leases [Sound Energy Leases] and shall be equal to the difference between" twenty percent (20%) and the sum of all existing burdens on the Sound Energy Leases, including royalty interests.
- 15. Each of the Plaintiffs, with the exception of Sound Energy, obtained a fractional portion of the Plaintiffs' ORRI, with each fractional portion stated within the assignment.
- 16. The Plaintiffs' ORRI applied to the Sound Energy Leases, which were identified within and located on Exhibit A to the assignment document. The Plaintiffs' ORRI also applied to "any replacement or substitutes" for the Sound Energy Leases.
- 17. The assignment of the Plaintiffs' ORRI contractually obligated Sound Energy and its successors and assignees to subject any and all future oil and gas leases which replaced the Sound Energy Leases, or acted as substitutes therefor, to the Plaintiffs' ORRI.
- 18. The assignment between Sound Energy and the other Plaintiffs was recorded in Guernsey County on September 27, 2012, at OR Book 494, Page 1395.

SOUND ENERGY ASSIGNS SOUND ENERGY LEASES TO CARRIZO

- 19. On October 16, 2012, Plaintiffs assigned portions of some of the Sound Energy Leases to Carrizo. A true and accurate copy of that assignment is attached hereto as **Exhibit 2** and made a part of this First Amended Complaint.
- 20. Specifically, within the October 2012 assignment, the Plaintiffs assigned the Plaintiffs' entire working interest in those Sound Energy Leases covered by this assignment for those geological formations from the base of the Clinton formation to the center of the Earth. That portion of the geological formation is often referred to as the "deep rights" of an oil and gas lease.
- 21. On June 11, 2014, Plaintiffs assigned portions of some of the Sound Energy Leases to Carrizo. A true and accurate copy of that assignment is attached hereto as **Exhibit 3** and made a part of this First Amended Complaint.
- 22. Specifically, within the June 2014 assignment, the Plaintiffs assigned the Plaintiffs' entire working interest in the "deep rights" for those Sound Energy Leases covered by this assignment.
- 23. As of June 2014, Carrizo was the lessee of the deep rights for the Sound Energy Leases.
- 24. As of June 2014, the Plaintiffs were the lessees of the shallow rights for the Sound Energy Leases.

CARRIZO OBTAINS LEASES ON PROPERTY SUBJECT TO SOME OF THE SOUND ENERGY LEASES

25. In November of 2016, Carrizo entered into several oil and gas leases with the landowners of the property covered by some of the Sound Energy Leases ("Carrizo Leases"). True and accurate copies of the recorded memorandums of oil and gas lease for the Carrizo

Leases are attached hereto collectively as **Exhibit 4** and made a part of this First Amended Complaint. Upon information and belief, Carrizo did not record the Carrizo Leases and therefore, the Plaintiffs do not possess copies of those leases.

26. Because the Carrizo Leases would replace or be substitutes for some or all of the Sound Energy Leases, the Carrizo Leases are subject to the Plaintiffs' ORRI and Carrizo was and is obligated to recognize that the Carrizo Leases are subject to the Plaintiffs' ORRI.

CARRIZO ASSIGNS SOUND ENERGY LEASES AND CARRIZO LEASES TO ASCENT

- 27. Upon information and belief, Carrizo and Ascent entered into a purchase and sale agreement dated August 31, 2017.
- 28. Upon information and belief, Carrizo and Ascent's August 31, 2017 purchase and sale agreement provided that Carrizo would sell certain leases and assets to Ascent. Upon information and belief, some or all of the Sound Energy Leases and the Carrizo Leases were part of the assets covered by Carrizo and Ascent's August 31, 2017 purchase and sale agreement.
- 29. On November 22, 2017, Ascent and Carrizo recorded a document entitled "Assignment, Bill of Sale and Conveyance" at OR Book 552, Page 1175 of the Guernsey County Recorder's records (the "Ascent-Carrizo Assignment"). A true and accurate copy of that document is attached hereto as **Exhibit 5**.
- 30. Upon information and belief, the Ascent-Carrizo Assignment was made effective April 1, 2017.
- 31. Upon information and belief, the Ascent-Carrizo Assignment was prepared, executed, and recorded pursuant to Carrizo and Ascent's August 31, 2017 purchase and sale agreement.

- 32. Carrizo assigned its interest in some or all of the Sound Energy Leases to Ascent within the Ascent-Carrizo Assignment.
- 33. Carrizo assigned its interest in the Carrizo Leases to Ascent within the Ascent-Carrizo Assignment.
- 34. Because the Carrizo Leases would replace or be substitutes for some or all of the Sound Energy Leases, the Carrizo Leases are subject to the Plaintiffs' ORRI and Ascent, as assignee of Carrizo, is obligated to recognize that the Carrizo Leases are subject to the Plaintiffs' ORRI.
- 35. By assigning the Carrizo Leases, the Ascent-Carrizo Assignment disparages Plaintiffs' title to the Sound Energy Leases by claiming that the Carrizo Leases should take precedence over the Sound Energy Leases.

ASCENT OBTAINS LEASES ON PROPERTY SUBJECT TO SOME OF THE SOUND ENERGY LEASES

- 36. Upon information and belief, while the Ascent-Carrizo deal was progressing and being finalized, Ascent was in contact wither several of the landowner-lessors of the some of the Sound Energy Leases.
- 37. Upon information and belief, Ascent contacted those landowner-lessors for purposes of securing new oil and gas leases in Ascent's name.
- 38. In November of 2017, Ascent entered into several oil and gas leases with the landowners of the property covered by some of the Sound Energy Leases ("Ascent Leases"). True and accurate copies of the recorded memorandums of oil and gas lease for the Ascent Leases are attached hereto collectively as **Exhibit 6** and made a part of this First Amended Complaint. Upon information and belief, Ascent did not record the Ascent Leases and therefore, the Plaintiffs do not possess copies of those leases.

- 39. Because the Ascent Leases would replace or be substitutes for some or all of the Sound Energy Leases, the Ascent Leases are subject to the Plaintiffs' ORRI and Ascent is obligated to recognize that the Ascent Leases are subject to the Plaintiffs' ORRI.
- 40. Upon information and belief, Ascent claims that the Ascent Leases are the sole leases for their respective leaseholds, to the exclusion of the respective Sound Energy Leases. Said claim disparages the Plaintiffs' title to their interests in the Sound Energy Leases, including the Plaintiffs' ORRI.

ASCENT WRONGFULLY REFUSES TO RECOGNIZE THE PLAINTIFFS' ORRI

- 41. Upon information and belief, Ascent has included the Carrizo Leases and Ascent Leases in several oil and gas production units: (1) the HOOP LND GR 1H (API #34059244390000); (2) the HOOP LND GR 2H (API #34059244430000); (3) the HOOP LND GR 3H (API #3405924444000); (4) the HOOP LND GR 4H (API #34059244420000); and (5) the HOOP LND GR 5H (API #34059244410000). These oil and gas production units shall be referred to collectively as the "Well Units." There may be other oil and gas production units drilled, operated, or otherwise owned, in any percentage, by Ascent, which contain some or all of the Sound Energy Leases, Carrizo Leases, and/or Ascent Leases. These additional oil and gas production units, whose identity is within Defendants' possession, are included in the term "Well Units."
- 42. Upon information and belief, Ascent has also included some of the Sound Energy Leases in the Well Units.
- 43. In November of 2018, Plaintiff Bruce A. Levengood contacted Ascent regarding the division orders for the Well Units. A well unit's division order will show the royalty owners', including owners of overriding royalty interests, respective interest in the well's production.

- 44. Plaintiff Bruce A. Levengood questioned Ascent as to why Ascent was not accounting for the Plaintiffs' ORRI in all of the Sound Energy Leases.
- 45. Ascent told Plaintiff Bruce A. Levengood that he and the other Plaintiffs did not have an overriding royalty interest in several of the tracts covered by several of the Sound Energy Leases because of the Carrizo Leases and Ascent Leases. Ascent's position is that the Carrizo Leases and Ascent Leases are valid for their leaseholds to the exclusion of the respective Sound Energy Leases. Furthermore, Ascent claims that Plaintiffs' ORRI does not attach to the Carrizo Leases and Ascent Leases.
- 46. Ascent's refusal to recognize the Plaintiffs' ORRI in all of the Sound Energy Leases, Carrizo Leases, and Ascent Leases is wrongful and has caused and is continuing to cause significant damages to the Plaintiffs.

COUNT ONE

(Quiet Title)

- 47. Plaintiffs reallege and fully incorporate all allegations in this First Amended Complaint as if fully rewritten herein.
 - 48. Plaintiffs are the owners of the Plaintiffs' ORRI.
 - 49. Plaintiffs are the owners of the shallow rights for the Sound Energy Leases.
- 50. The Plaintiffs' ORRI affects all of the Sound Energy Leases, the Carrizo Leases, and the Ascent Leases, and all of the oil and gas produced from the Sound Energy Leases, the Carrizo Leases, and the Ascent Leases.
- 51. Defendants all claim to own interests in the Carrizo Leases and Ascent Leases which may be adverse to Plaintiffs' interest in the Sound Energy Leases, the Carrizo Leases, and the Ascent Leases.

- 52. Defendants may claim that the Plaintiffs' ORRI is not effective and/or not enforceable against them as to the Carrizo Leases and Ascent Leases.
- 53. Plaintiffs request this Court to quiet title to the Plaintiffs' ORRI by finding that the Plaintiffs' ORRI is valid, covers the Carrizo Leases and Ascent Leases, and is binding on the Defendants.
- 54. Furthermore, Plaintiffs are entitled to a full accounting as to what interest each of the Defendants claims to presently own in any of the Sound Energy Leases, the Carrizo Leases, and the Ascent Leases, a full accounting of all oil and gas wells drilled under those leases, a full accounting of all production obtained by the Defendants under those leases, and a full accounting of all payments that Defendants made or should have made under those leases. Furthermore, Plaintiffs are entitled to award of all royalties which should have been made to the Plaintiffs, but that were not made.
- 55. Plaintiffs request that this Court cause to be recorded in the records of Guernsey County a certified copy of the Judgment or Decree declaring the rights of the parties pursuant to R.C. 5303.06.

COUNT TWO

(Breach of Contract - Ascent)

- 56. Plaintiffs reallege and fully incorporate all allegations in this First Amended Complaint as if fully rewritten herein.
- 57. Plaintiffs and Ascent are parties to a binding contract, as evidenced by and embodied in the assignment creating the Plaintiffs' ORRI and the Sound Energy Leases.
- 58. Plaintiffs have fully performed under the assignment creating the Plaintiffs' ORRI and the Sound Energy Leases.

- 59. Ascent has breached the parties' contract by entering into the Ascent Leases and by obtaining the Carrizo Leases.
- 60. Ascent's refusal to recognize that the Plaintiffs' ORRI is valid and enforceable as to all of the Sound Energy Leases, the Carrizo Leases, and the Ascent Leases constitutes a breach of contract.
- 61. Ascent's refusal to recognize that the Plaintiffs' ORRI is valid and enforceable as to all of the Sound Energy Leases, the Carrizo Leases, and the Ascent Leases contained within the Well Units constitutes a breach of contract.
- 62. Plaintiffs are entitled to a full accounting of all revenue generated from the Sound Energy Leases, Carrizo Leases, Ascent Leases, and Well Units and are entitled to an award of any and all payments that Ascent should have made relating to the Plaintiffs' ORRI, but that Ascent failed to make.
- 63. As a direct and proximate result of Ascent's breach or breaches, Plaintiffs have been damaged in an amount which exceeds \$25,000, to be determined at trial. Plaintiffs are further entitled to an award of an accounting for all revenue generated from the Sound Energy Leases, Carrizo Leases, Ascent Leases, and Well Units and an award of any and all royalties which are due and payable to Plaintiffs, including past due royalties.

COUNT THREE

(Breach of Contract - Carrizo)

- 64. Plaintiffs reallege and fully incorporate all allegations in this First Amended Complaint as if fully rewritten herein.
- 65. Plaintiffs and Carrizo are parties to a binding contract, as evidenced by and embodied in the assignment creating the Plaintiffs' ORRI and the Sound Energy Leases.

- 66. Plaintiffs have fully performed under the assignment creating the Plaintiffs' ORRI and the Sound Energy Leases.
- 67. Carrizo has breached the parties' contract by entering into the Carrizo Leases and by assigning the Carrizo Leases to Ascent.
- 68. Plaintiffs are entitled to a full accounting of all revenue generated from the Sound Energy Leases, Carrizo Leases, Ascent Leases, and Well Units and are entitled to an award of any and all payments that Carrizo should have made relating to the Plaintiffs' ORRI, but that Carrizo failed to make.
- 69. As a direct and proximate result of Carrizo's breach or breaches, Plaintiffs have been damaged in an amount which exceeds \$25,000, to be determined at trial. Plaintiffs are further entitled to an award of an accounting for all revenue generated from the Sound Energy Leases, Carrizo Leases, Ascent Leases, and Well Units and an award of any and all royalties which are due and payable to Plaintiffs, including past due royalties.

COUNT FOUR

(Slander of Title - Ascent)

- 70. Plaintiffs reallege and fully incorporate all allegations in this First Amended Complaint as if fully rewritten herein.
- 71. As detailed above, Ascent has filed and/or has caused the filing of certain documents which contain false statements relative to the Sound Energy Leases and the Plaintiffs' ORRI and those false statements disparage and defame Plaintiffs' title to the Sound Energy Leases and the Plaintiffs' ORRI.
- 72. Ascent's false statements were made with malice and/or reckless disregard of their falsity, as evidenced by, among other things, the plain language of the Sound Energy

Leases, the plain language of the assignment creating the Plaintiffs' ORRI, and Ascent's knowledge as to the existence of the Plaintiffs' ORRI and the Sound Energy Leases.

- 73. Ascent's false statements and actions have caused Plaintiffs to suffer actual and special damages, including, but not limited to, lost income from production under the Sound Energy Leases, Carrizo Leases, and the Ascent Leases, attorneys' fees, and costs associated with this action.
- 74. Plaintiffs request that they be awarded their actual and special damages from Ascent, in an amount which exceeds \$25,000, to be determined at trial.
- 75. Ascent's conduct was intentional and deliberate and was committed with actual malice and/or a reckless disregard of Plaintiffs' rights, such that Plaintiffs should be awarded punitive damages and attorneys' fees.

COUNT FIVE

(Tortious Interference - Ascent)

- 76. Plaintiffs reallege and fully incorporate all allegations in this First Amended Complaint as if fully rewritten herein.
- 77. Plaintiffs hold ongoing business relationships and/or contracts with third-parties and have held those business relationships and contracts at all times relevant to the matters addressed herein.
- 78. Ascent was, at all times relevant, aware of Plaintiffs' ongoing business relationships and contracts.
- 79. Ascent, without justification, intentionally interfered with Plaintiffs' business relationships and contracts by directly or indirectly soliciting, inducing, and/or procuring those third-parties to breach and/or violate the terms of the business relationships and contracts.

- 80. Ascent intentionally sought and/or procured the breach of those business relationships and contracts by their conduct described herein.
- 81. As a direct and proximate result of Ascent's tortious interference, Plaintiffs suffered damages in an amount which exceeds \$25,000, to be determined at trial.
- 82. Ascent's conduct was intentional and deliberate and was committed with actual malice and/or a reckless disregard of Plaintiffs' rights, such that Plaintiffs should be awarded punitive damages and attorneys' fees.

COUNT SIX

(Tortious Interference - Carrizo)

- 83. Plaintiffs reallege and fully incorporate all allegations in this First Amended Complaint as if fully rewritten herein.
- 84. Plaintiffs hold ongoing business relationships and/or contracts with third-parties and have held those business relationships and contracts at all times relevant to the matters addressed herein.
- 85. Carrizo was, at all times relevant, aware of Plaintiffs' ongoing business relationships and contracts.
- 86. Carrizo, without justification, intentionally interfered with Plaintiffs' business relationships and contracts by directly or indirectly soliciting, inducing, and/or procuring those third-parties to breach and/or violate the terms of the business relationships and contracts.
- 87. Carrizo intentionally sought and/or procured the breach of those business relationships and contracts by their conduct described herein.
- 88. As a direct and proximate result of Carrizo's tortious interference, Plaintiffs suffered damages in an amount which exceeds \$25,000, to be determined at trial.

89. Carrizo's conduct was intentional and deliberate and was committed with actual malice and/or a reckless disregard of Plaintiffs' rights, such that Plaintiffs should be awarded punitive damages and attorneys' fees.

COUNT SEVEN

(Unjust Enrichment - Ascent and Carrizo)

- 90. Plaintiffs reallege and fully incorporate all allegations in this First Amended Complaint as if fully rewritten herein.
- 91. Plaintiffs plead this claim in the alternative to Plaintiffs' breach of contract claims (Counts Two and Three).
- 92. Defendants have unjustly enriched themselves at the expense of Plaintiffs, by attempting to increase their financial benefits by entering into the Carrizo Leases and Ascent Leases and assigned or otherwise conveying the same, while attempting to avoid the Plaintiffs' ORRI.
- 93. As a direct and proximate result of Defendants' unjust enrichment, Plaintiffs have been damaged in an amount which exceeds \$25,000, to be determined at trial.

PRAYER FOR RELIEF

WHEREFORE, on the basis of the allegations and claims herein, Plaintiffs request:

- 1. Quiet title relief under Count One;
- 2. A full accounting under the terms detailed in Count One and an award of any and all payments which are due and payable to the Plaintiffs;
- 3. That Plaintiffs recover full compensatory damages for Count Two against Ascent, in an amount which exceeds \$25,000, the amount of which will be determined by the jury, and Plaintiffs are further entitled to an award of an accounting for all revenue generated from the

Sound Energy Leases, Carrizo Leases, Ascent Leases, and Well Units and an award of any and all royalties which are due and payable to Plaintiffs, including past due royalties.;

- 4. That Plaintiffs recover full compensatory damages for Count Three against Carrizo, in an amount which exceeds \$25,000, the amount of which will be determined by the jury, and Plaintiffs are further entitled to an award of an accounting for all revenue generated from the Sound Energy Leases, Carrizo Leases, Ascent Leases, and Well Units and an award of any and all royalties which are due and payable to Plaintiffs, including past due royalties.;
- 5. That Plaintiffs recover full actual and special damages for Count Four against Ascent, in an amount which exceeds \$25,000, the amount of which will be determined by the jury, and punitive damages in an amount which exceeds \$25,000, the amount of which will be determined by the jury;
- 6. That Plaintiffs recover full compensatory damages for Count Five against Ascent, in an amount which exceeds \$25,000, the amount of which will be determined by the jury, and punitive damages in an amount which exceeds \$25,000, the amount of which will be determined by the jury;
- 7. That Plaintiffs recover full compensatory damages for Count Six against Carrizo, in an amount which exceeds \$25,000, the amount of which will be determined by the jury, and punitive damages in an amount which exceeds \$25,000, the amount of which will be determined by the jury;
- 8. That Plaintiffs recover full compensatory damages for Count Seven against Defendants, jointly and severally, in an amount which exceeds \$25,000, the amount of which will be determined by the jury;

- 9. That Plaintiffs be awarded pre-judgment and post-judgment interest on the amount of the judgment;
- 10. That Plaintiffs be awarded reasonable attorneys' fees and the costs of this action; and
- 11. That Plaintiffs be awarded any additional equitable or legal relief, including injunctive relief, which this Court deems just and proper.

Respectfully submitted,

s/ Matthew W. Onest

Matthew W. Onest (#0087907) and Owen Rarric (#0075367), of KRUGLIAK, WILKINS, GRIFFITHS& DOUGHERTY CO., L.P.A. 4775 Munson St. NW/P.O. Box 36963 Canton, OH 44735-6963

Phone: 330-497-0700/Fax: 330-497-4020 monest@kwgd.com; orarric@kwgd.com ATTORNEYS FOR PLAINTIFFS

JURY DEMAND

Plaintiffs hereby demand, pursuant to Rule 38 of the Federal Rules of Civil Procedure, that a jury be impaneled to try all issues contained herein.

s/ Matthew W. Onest

Matthew W. Onest (#0087907) and Owen Rarric (#0075367), of KRUGLIAK, WILKINS, GRIFFITHS& DOUGHERTY CO., L.P.A. ATTORNEYS FOR PLAINTIFFS

CERTIFICATE OF SERVICE

The undersigned does hereby certify that on the 29th day of March, 2019, a true and complete copy of the foregoing was filed electronically using the Court's electronic filing system. Notice of this filing will be sent to all parties by operation of the Court's electronic filing system. Parties may access this filing through the Court's system.

s/ Matthew W. Onest

Matthew W. Onest (#0087907) and Owen Rarric (#0075367), of KRUGLIAK, WILKINS, GRIFFITHS& DOUGHERTY CO., L.P.A. ATTORNEYS FOR PLAINTIFFS [Guernsey]

201200008650 Filed for Record in GUERNSEY COUNTY, OHIO COLLEEN WHEATLEY, RECORDER 09-27-2012 At 12:52 pm. ASSIGN LEAS 494 Pase 1395 - 1398 OR Book

Correction of Assignment See OR 495 Pg. 502

to Vorya Law Plant

Rebign

201200008450 VORYS SATER SEYMOUR HD PEASE LLP PARTIAL ASSIGNMENT OF OIL AND CLASS SOR 43215 OVERRIDING ROYALTY INTEREST

By this assignment (the "Assignment"), the undersigned SOUND ENERGY COMPANY, INC., an Ohio corporation ("Assignor"), with an address of P. O. Box 306, 3632 St. Rt. 800 NE, Dover, Ohio 44622, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, does hereby grant, assign, convey and set over unto each of the Assignees (as defined below and in the amount set forth below) an overriding royalty interest (the "Overriding Royalty Interests") in and to the oil and gas leases described on Exhibit A and any replacement or substitutes therefor (the "Leases"), limited to and only insofar as such relates to or includes the Geologic Formation (as defined below), and subject to the terms and conditions provided below.

The entire and total Overriding Royalty Interests are payable out of all oil, gas and associated hydrocarbons produced, saved and sold, on a lease by lease basis, from the Leases and shall be equal to the difference between (i) twenty percent (20%) and (ii) the sum of all burdens existing on a Lease including, without limitation, royalty, overriding royalty, net profits interests, and other similar interests of record affecting or burdening the working interest in any given lease conveyed hereby as of the effective date hereof. For example, if a lease is subject to a 12.5% landowner royalty and an additional 2.5% existing overriding royalty, then the Overriding Royalty Interest subject to this Assignment will be 5% (20% less (12.5% + 2.5%)). Should the burdens of record affecting or burdening the working interest in such lease being conveyed as of the effective date equal or exceed twenty percent (20%), there shall be no overriding royalty interest conveyed by this Assignment.

The Assignees are listed under the heading "Assignee" below, and each Assignee shall receive an Overriding Royalty Interest in each Lease in an amount equal to the Overriding Royalty Interest in that Lease multiplied by the fraction as set forth below under the heading "Overriding Royalty Interest":

	And The Tredomont
4	Overriding Royalty Interest
Bruce A. Levengood	2/5 of the Overriding Royalty Interest 1/10 of the Overriding Royalty Interest 1/6 of the Overriding Royalty Interest 1/6 of the Overriding Royalty Interest
of Michael McCune	Total 100%

1

EXHIBIT

[Guernsey] Instrument Book Pase 201200008650 DR 494 1396

As used in this Assignment, the term "Geologic Formation" shall mean all subsurface depths from the bottom the Clinton formation to the center of the earth.

The Overriding Royalty Interests are granted, assigned, transferred, conveyed and set over subject to all matters of record and without any warranties of any nature or kind whatsoever, including without limitation warranties of title, merchantability and fitness for a particular purpose.

This Assignment shall be binding upon and shall inure to the benefit of Assignor and Assignee and their respective heirs, personal representatives, successors and assigns.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK; SIGNATURE ON FOLLOWING PAGE]

[Guernsey]

Instrument 201200008658 OR Book Pase 494 1397

SOUND ENERGY COMPANY, INC.

By: Mue L. Freeford

Bruce A. Levengood, President

STATE OF OHIO

ss:

COUNTY OF TUSCARALIAS

Carrie T. Ellenbaud

My Commission Expires: June 24, 2013

[Notary Seal]

This Instrument Prepared by:

Sheila Nolan Gartland Vorys, Sater, Seymour and Pease LLP 52 East Gay Street Columbus, Ohio 43215 (614) 464-8225 CARRIE F. ELLENBAUGH Notary Public, State of Obio My Cosmission Exp. Jung. 24, 2013

well name	Lessor Name 1	Lessor Name 2	Lesses	County	Township	Volume	Page	PWF	Range	Lease Section Or Lot	Lesse Date	Lease Total Acres
McClelland #2	Миттау	Rex C. & Cacilla	Resources Exploration	Guernsey	Londonderry	70	685	31	7	26	26605	27
Estep	Estep	Roland B & Alida	Resources Exploration	Guernsev	Londonderry	71	100	11	7	27	26656	75
Hibbs#2	Montgomery	Fred & Irene	Resources Exploration	Guernsey	Londonderry	70	730	11	7	32	26607	62
Dorst #1/Camp Estates	Bond	Marguerite	Resources Exploration	Guernsey	Londonderry	70	700	11	7 32.2	6.27	26606	93.56
Estep	Angle	Lee R. & Kathleen	Resources Exploration	Guernsey	Londonderry	71	104	11	7	27	26663	5.153
Camp Estates	McEhaney	John & Martha	Baird & Bird	Guernsey	Londonderry	55	395	11	7	26	24245	100
HIbbs #2	Hibbs	Lewis R. & Ferna E.	Baird & Bird	Guernsey	Londonderry	55	459	11	7	32	24289	94
Pribonic	Pribonic	John J. & Evelyn L.	Resources Exploration	Guernsey	Londonderry	74	531	11	7	31	26614	116.29
McElhaney	McEhaney	John A. & Martha	Resources Exploration	Guernsey	Londonderry	72	122	11	7	31		70
McEhnney	McCormick	William & Ruth	Resources Exploration	Guernsey	Londonderry	72	124	11	7	31		22
Downerd	Merryman	Dell J.	Resources Exploration	Guernsey	Londonderry	72	772	11	7	33	27003	4.2
Estep/Latham #3	Letham et al	Lewis W.	Resources Exploration	Guernsey	Londonderry	74	278	11	7	27	27405	181
	Bond	C. Eugene & Janét	Resources Exploration	Guernsey	Londonderry	70	732	11	7	27		26.08
McClelland #2	McClelland	Kenneth & Bernice	Penn Industrial Energy	Guernsey	Londonderry	70	237	1.1	7	26	26491	121
Baird	Baird	Walter H.	Resources Exploration	Guernsey	Londonderry	72	193	11	7	32	26814	156.5
McClelland #1	McClelland	Donald	Penn Industrial Energy	Guernsey	Londonderry	70	235	11	7 25,2	7	26491	126
Downerd	Downerd	Glenn B. & Lauretta	Resources Exploration	Guernsey	Londonderry	70	687	11	7	33	26604	150
Dorst #1	Dorst	Wayne	Resources Exploration	Guernsey	Londonderry	70	683	11	7 32,3	3	26605	67
Dorst #1	Dorst	Wayne	Resources Exploration	Guernsey	Washington	70	683	11		20	26605	40

Instrument Book Page 201200009415 OR 495 656

201200009415
Filed for Record in
GUERNSEY COUNTY, OHIO
COLLEEN WHEATLEY, RECORDER
10-16-2012 At 02:47 pm.
ASSIGN LEAS 120.00
OR Book 495 Page 656 - 665

201200009415 BETA LAND SERVICES PICK UP

PARTIAL ASSIGNMENT OF LEASES

WHEREAS, Assignors and Assignee entered into that Purchase and Sale Agreement dated as of 12, 2012 (the "Agreement"), pursuant to which Assignors have agreed to sell and Assignee has agreed to purchase and acquire the Assets (as hereinafter defined and subject to the exclusion set out below).

ARTICLE I ASSIGNMENT OF INTEREST

- Section 1.1 Assignment. In consideration of Ten Dollars (\$10.00) and other good and valuable consideration paid, the receipt and sufficiency of which are hereby acknowledged, Assignors hereby forever grant, sell, transfer, convey and assign, with limited warranty covenants, to Assignee, its successors and assigns, the properties and interests described in Section 1.1(a) through Section 1.1(d) below (collectively the "Assets"):
 - (a) the entire working interests of Assignors in and to the oil and gas leases described on Exhibit A attached hereto and made a part hereof (the "Leases) INSOFAR AND ONLY INSOFAR as they cover the geologic interval from the base of the Clinton formation to the center of the Earth (the "Deep



Instrument Book Page 201200009415 OR 495 657

Horizons) which working interests shall afford Assignee not less than an 80% net revenue interest in the oil, gas and other hydrocarbons produced and saved and sold from or allocated to such Leases insofar as the Leases cover and affect the Deep Horizons;

- (b) to the extent assignable, all rights-of-way, easements, licenses and servitudes appurtenant to the Leases insofar and only insofar as they are useful in exploring, developing and producing oil, gas and related hydrocarbons from the Deep Horizons but subject to the rights of Assignors in such rights-of-way, easements, licenses and servitudes which respect to the Shallow Horizons (as defined below);
- (c) to the extent assignable, the rights and obligations, if any, derived from any operating agreements, units, unit agreements and unit operating agreements relating to the Leases INSOFAR AND ONLY INSOFAR as they cover the Deep Horizons; and
- (d) copies of all operating, accounting, seismic, geologic and geophysical maps and data, engineering and production history data, lease files, contract, land, title, well, regulatory, corporate and legal files, records, materials, data and information regarding the Leases, insofar as they cover and affect the Deep! Horizons, including copies of the Leases and all title documentation, assignments, title opinions, abstracts of title, run-sheets, maps and other title information and environmental reports or assessments in Sellers' possession or control with respect to the items referred to in Sections 1.1(a), 1.1(b) and 1.1(c) above; provided, however, that the information and copies referred to in this Section 1.1(d) shall not include (i) any legal materials the disclosure of which Assignors determine would jeopardize the assertion of a privilege in ongoing or anticipated litigation with third parties or any attorney-client privilege, or (ii) information, the disclosure of which would violate any confidentiality agreement to which the disclosing Seller is bound.

Section 1.2 Excluded Assets and Correlative Rights. The grant, bargain, sale, transfer, conveyance, and assignment under this Assignment does not include the surface estate in and to the lands covered by the Leases or the oil, gas and other hydrocarbons or other minerals produced and saved and sold from or allocated to the Leases in subsurface depths above the Deep Horizons (the "Shallow Horizons"), including the leasehold estates created by the Leases insofar as they cover the Shallow Horizons. Notwithstanding the foregoing exclusion: (i) Assignors shall have the right to continue full operation of their existing wells, and any future wells that may be drilled to develop the Shallow Horizons; and (ii) Assignee shall have the right to make resasonable use of the Shallow Horizons to explore for and develop the oil, gas or other minerals in and under the Deep Horizons (including, without limitation, drilling in and through the Shallow Horizons to explore, to develop and to reach the oil, gas and other minerals in the Deep Horizons, conducting seismic explorations useful in exploring the Deep Horizons, and

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constructing, operating and maintaining pipelines and other facilities on or in the Shallow Horizons to explore for and develop the oil, gas and other minerals in and under the Deep Horizons or to store, compress, treat or transport same).

ARTICLE II MISCELLANEOUS

- Section 2.1 Agreement; Incorporation by Reference. This Assignment is made specifically subject to the terms and conditions of the Agreement, which are incorporated herein by reference. Except as specifically defined herein, capitalized terms in this Assignment shall have the meanings given to them in the Agreement. The Agreement contains certain representations, warranties, obligations and covenants between Assignors and Assignee which survive the delivery of this Assignment and which shall not be merged into this Assignment, or otherwise negated by the execution and delivery of this Assignment. In the event of any conflict between the terms of this Assignment and the terms of the Agreement, the terms of the Agreement shall control.
- Section 2.2 Further Assurances. Each Party agrees to take such further actions and to execute, acknowledge and deliver all such further documents as are reasonably requested by the other for carrying out the purposes of this Assignment.
- Section 2.3 Assignment. This Assignment is made subject to the Agreement and to any and all licenses, leases, easements, rights of way, restrictions, covenants, restrictions and other matters of record affecting the Assets or the Leases, and land use or similar laws, rules or regulations.
- Section 2.4 Governing Law. This Assignment shall be governed by and construed and enforced in accordance with the internal Laws of the State of Ohio without reference to its choice of Law rules to the extent such rules would result in the application of the Laws of another jurisdiction.
- Section 2.5 **Counterparts; Recordation.** This Assignment may be executed in any number of counterparts, each of which shall be of equal dignity and all of which shall constitute but one and the same instrument.

[Signature Pages Follow]

Instrument Book Pase 201200009415 OR 495 659

IN WITNESS WHEREOF, Assignors and Assignee have caused this Assignment to be duly executed on the respective dates set forth below in their respective acknowledgments, to be effective as of the Effective Time.

ASSIGNORS:	ASSIGNEE:
SOUND ENERGY COMPANY, INC.	CARRIZO (UTICA) LLC
By: Bue Lugon	Ву:
Bruce Levengood, President	Name
Charles Bake	Title:
Charles Baker	
Kini & Baker	
Kim L. Baker, signing solely to release dower	
Naja Dotali	
Michael Demattio	
Lisa V. SeMattio	
Lisa H. Demattio, signing solely to release	
dower	
Cassandra & M'aire	
Cassandra L. McCune	
Relt Jennes	
Abbert Timmer had	
Grada T. Timmerman_	

Brenda L. Timmerman, signing solely to

release dower

Instrument Book Pase 201200009415 OR 495 660

IN WITNESS WHEREOF, Assignors and Assignee have caused this Assignment to be duly executed on the respective dates set forth below in their respective acknowledgments, to be effective as of the Effective Time.

ASSIGNORS:	ASSIGNEE:
SOUND ENERGY COMPANY, INC.	CARRIZO (UTICA) LLC
By:Bruce Levengood, President	By: Richard H. Smith Title: Vice President-Land
Charles Baker	
Kim L. Baker, signing solely to release dower	
Michael Demattio	
Lisa H. Demattio, signing solely to release dower	
Cassandra L. McCune	
Robert Timmerman	
Brenda L. Timmerman, signing solely to release dower	

Instrument Book Pase 201200009415 DR 495 661

STATE OF DINO)	
) SS:	
COUNTY OF JUSTANAS)	
The foregoing instrument was acknowledged be Levengood, President of Sound Cappus, Company,	fore me this 121 Inc., an Ohio corpor	ration, on behalf of the corporation. Neters Public
Notary P	Public, State of Obio hiden Exp.: June 24, 2013	Notary Public
STATE OF)	
) SS:	
COUNTY OF)	
The foregoing instrument was acknowledged	before me this _ of Carrizo	day of, 2012, by (Utica) LLC, a Delaware limited liability
company, on behalf of the limited liability company	y.	
		Notary Public
My Commission Expires		
STATE OF Thin)	
) SS:	
COUNTY OF THE Arawas)	
The foregoing instrument was acknowledged bel	fore me this 12th	day of October, 2012, by Charles
CARRIE F. ELI Notary Public, S My Commission Eup	LENBAUGH itate of Ohio	Abrie T. Ellen Vari de
My Commission Expires 21, 2013.		•
STATE OF Ohio)	
) SS:	
COUNTY OF TUSCARAWAS	•	
The foregoing instrument was acknowledged bet Baker.		
CARRIE F. I	ELLENRALIGH le, State of Ohio Expu Jane 20, 1983	Morie I. Ellen Court
West OF man		

Instrument Book Pase 201200009415 OR 495 662

STATE OF)		
) SS:		
COUNTY OF	_)		
The foregoing instrument was acknowledge Levengood, President of Sound Energy Comp	ed before me this nany, Inc., an Ohio corp	day oforation, on behalf of the	, 2012, by Bruce e corporation.
My Commission Expires	_	Notary Public	
STATE OF TEXAS)) S S:		
COUNTY OF Harris	_)		
The foregoing instrument was acknowled Richard H. Smith Vice Cesic company, on behalf of the limited liability con	ACKT-LANGOI CAITIZ	o (Utica) LLC, a De	lawaic limited replay
Notar Notar	RICIA A. RICHMOND y Public, State of Texas Commission Expires June 14, 2014	Notary Public	M. Richmore
STATE OF)		
) SS:		
COUNTY OF	_)		
The foregoing instrument was acknowledge Baker.	ed before me this	day of	, 2012, by Charles
	-	Notary Public	
My Commission Expires			
STATE OF)		
) SS:		
COUNTY OF	_)		
The foregoing instrument was acknowledge Baker.	ed before me this	day of	, 2012, by Kim L.
	-	Notary Public	
Mu Commission Expires			

Instrument Book Pase 201200009415 OR 495 663

The foregoing instrument was acknowledged before me this Demarks. CARRIE F. ELLENBAUGH Notary Public. STATE OF ON: 0 SS: COUNTY OF TUSCOV ALADS CARRIE F. ELLENBAUGH Notary Public. State of Ohio SS: COUNTY OF TUSCOV ALADS CARRIE F. ELLENBAUGH Notary Public State of Ohio SS: COUNTY OF TUSCOV ALADS CARRIE F. ELLENBAUGH Notary Public State of Ohio SS: COUNTY OF TUSCOV ALADS CARRIE F. ELLENBAUGH Notary Public State of Ohio SS: COUNTY OF TUSCOV ALADS The foregoing instrument was acknowledged before me this Latter Notary Public Notary Public Notary Public CARRIE F. ELLENBAUGH Notary Public	STATE OF Ohio)) SS:
CARRIE F. ELLENBAUGH Notary Public STATE OF ON: 0 SS: COUNTY OF JUSCOPALAS CARRIE F. ELLENBAUGH Notary Public SS: COUNTY OF JUSCOPALAS CARRIE F. ELLENBAUGH Notary Public SS: COUNTY OF JUSCOPALAS CARRIE F. ELLENBAUGH Notary Public Notary Public CARRIE F. ELLENBAUGH Notary Public Notary Public SS: COUNTY OF JUSCOPALAS CARRIE F. ELLENBAUGH Notary Public SS: COUNTY OF JUSCOPALAS SS: COUNTY OF JUSCOPALAS SS: COUNTY OF JUSCOPALAS CARRIE F. ELLENBAUGH Notary Public STATE OF (N. 6) SS: COUNTY OF JUSCOPALAS CARRIE F. ELLENBAUGH Notary Public STATE OF (N. 6) SS: COUNTY OF JUSCOPALAS CARRIE F. ELLENBAUGH Notary Public	COUNTY OF TUSCARAWAS)
SS: COUNTY OF JUSCAY ALLIAS The foregoing instrument was acknowledged before me this 12th day of Commission Expression Day James A. 2012 CARRIE F. ELLENBAUGH Notary Public STATE OF Oh. O SS: COUNTY OF JUSCAY ALLAS CARRIE F. ELLENBAUGH Notary Public Notary Public CARRIE F. ELLENBAUGH Notary Public CARRIE F. ELLENBAUGH Notary Public CARRIE F. ELLENBAUGH Notary Public STATE OF Oh. O SS: COUNTY OF JUSCAY ALLAS ON OTARY Public CARRIE F. ELLENBAUGH Notary Public STATE OF Oh. O SS: COUNTY OF JUSCAY ALLAS ON OTARY Public CARRIE F. ELLENBAUGH Notary Public Notary Public CARRIE F. ELLENBAUGH Notary Public Notary Public CARRIE F. ELLENBAUGH Notary Public	Demattio. CARRIE F. ELLEN Rodary Public, Stat	NBAUGH OF OND OF
The foregoing instrument was acknowledged before me this 12th day of CARDER, 2012, by Lisa J. Demattio. CARRIE E ELLENBAUGH Notary Public State of Ohio SS: COUNTY OF THE CARDER CARRIE E ELLENBAUGH Notary Public State of Ohio SS: COUNTY OF THE CARDER CARRIE E ELLENBAUGH Notary Public State of Ohio SS: COUNTY OF THE CARDER CARRIE E ELLENBAUGH Notary Public State of Ohio SS: COUNTY OF THE CARDER CARRIE E ELLENBAUGH Notary Public State of Ohio SS: COUNTY OF THE CARDER CARRIE E ELLENBAUGH Notary Public CARRIE F ELLENBAUGH Notary Public	STATE OF ON; 6)
The foregoing instrument was acknowledged before me this 12th day of CARRIE R ELLENBAUGH Notary Public State of Ohio CARRIE R ELLENBAUGH Notary Public State of Ohio SS: COUNTY OF THE CO AUAS CARRIE R ELLENBAUGH Notary Public State of Ohio SS: COUNTY OF THE CO AUAS CARRIE R ELLENBAUGH Notary Public State of Ohio SS: COUNTY OF TUSCOVALIA CARRIE R ELLENBAUGH Notary Public State of Ohio) \$S:
CARRIE F. ELLENBAUGH Notary Public STATE OF ON O SS: COUNTY OF THE COLOR CARRIE F. ELLENBAUGH Notary Public SS: COUNTY OF THE COLOR CARRIE F. ELLENBAUGH Notary Public My Commission Expire CARRIE F. ELLENBAUGH Notary Public SS: COUNTY OF THE COLOR CARRIE F. ELLENBAUGH Notary Public SS: COUNTY OF THE COLOR STATE OF ON O SS: COUNTY OF THE COLOR CARRIE F. ELLENBAUGH Notary Public SS: COUNTY OF THE COLOR SS: COUNTY OF THE COLOR CARRIE F. ELLENBAUGH Notary Public	COUNTY OF TUSKAYAWAS)
My Commission Expires OF OF OF OF OF OF OF OF OF O		
CARRIE F. ELLENBAUGH STATE OF (M. O.	Notary Public, S	State of Ohio
The foregoing instrument was acknowledged before me this 12th day of 15th July 2012, by Cassandra L. McCune. CARRIE F ELLENBAUGH Notary Public, State of Ohio Ny Commission Exp.: June 24, 2013 STATE OF (1), (3) SS: COUNTY OF 15CO FOLIO S Notary Public, State of Ohio Notary Public	STATE OF Ohio)
The foregoing instrument was acknowledged before me this) SS:
My Commission Expired Notary Public, State of Ohio My Commission Expired Notary Public, State of Ohio Notary Public Notary Publi		
) SS: COUNTY OF TUSCOrouse S The foregoing instrument was acknowledged before me this 12th day of October, 2012, by Robert Timmerman. CARRIE F. ELLENBAUGH Notary Public, State of Oblo My Commission Exp.: Eme 24.2013 Notary Public	McCune. CARRIE E ELL Notary Public, Si My Commission Exp.	ENBAUGH Athrie 7. Elles Street
The foregoing instrument was acknowledged before me this 12th day of October, 2012, by Robert Timmerman. **CARRIE F. ELLENBAUGH CARRIE F. ELLENBAUGH Notary Public Nota	STATE OF Oh. o	·
Timmerman. CARRIE F. ELLENBAUGH Notary Public, State of Oblo My Campatation Exp.: June 24, 2013 Notary Public)
My Commission Pages 3 1911 14 2013	Timmerman. CARRIE F. ELLENBA CARRIE F. ELLENBA	

Instrument 201200009415 OR

STATE OF Oh.O)) SS: COUNTY OF TUSCALOWAS The foregoing instrument was acknowledged before me this 12th day of October, 2012, by Brenda L.

CARRIE E. ELLENBAUGH Notary Public, State of Ohio

Timmerman.

My Commission Expires

This instrument prepared by: Carrizo (Utica), LLC 500 Dallas Street, Suite 2499 Houston, Texas 77002 Attention: Mr. Richard Smith

Exhibit "A"

Attached to and made a part of that certain Assignment of Oil and Gas Leases dated and effective October 12, 2012, by and between Sound Energy Company, Inc., Charles A. Baker and wife, Kim L. Baker, Michael L. Demattio and wife, Lisa H. Demattio, Cassandra L. McCune, Robert F. Timmerman and wife, Brenda L. Timmerman, as Assignor, and Carrizo (Utica) LLC, as Assignee

	Lessage	County	Section	Township	Range	Twp	Dated	Book	Page	Parcel ID Number
Lessor Roland B. & Alica Estep	Resource Exploration, Inc.	Guernsey	27	Londonderry	7	11	12/23/1972	71	100	20-0000205.000
Lewis W. Latham (Estate), Asher F. & Mary E. Latham, and Bart A. Latham	Resource Exploration, Inc.	Guernsey	27	Londonderry	7	n	1/11/1975	74	278	20-000013.000 20-0000410.000 20-0001181.000 20-0001183.000 20-0001275.000 20-0001276.000
Gjena B. & Loretta Downerd	Resource Exploration, Inc.	Guernsey	33	Londonderry	7	11	11/1/1972	70	687	20-0001247.000
John & Martha McElhaney	Baird and Bird, and Walter H.	Guernsey	26	Londonderry	7	11	5/18/1966	55	395	20-0000102,000
Kenneth G. & Berenice	Penn, industrial Energy Corp.	Guernsey	26	Londonderry	7	11	7/11/1972	70	237	20-0000465.000 20-0000467.000 20-0000468.000
Rex C. & Cecilla Murray	Resource Exploration, Inc.	Guernsey	26	Landonderry	7	11	11/2/1972	70	685	20-0000455.000
Donald McClelland	Penn. Industrial Energy Corp.	Guernsey	26 & 27	Loadonderry	7	11	7/11/1972	70	235	20-0000460.000 20-0000453.000 20-0000771.000 20-0000772.000 20-0000772.000 20-0000774.000 20-0000775.000 20-0000776.000 20-0000776.000 20-0000776.000 20-0000776.000

END OF EXHIBIT "A"

201400004653 Filed for Record in GUERNSEY COUNTY, OHIO COLLEEN WHEATLEY, RECORDER 06-13-2014 At 09:21 am. ASSIGN LEAS 88.00 OR Book 517 Page 933 - 940 201400004653 BETA PICK UP

> Instrument Book Page 201400004453 OR 517 933

PARTIAL ASSIGNMENT OF LEASES

THIS PARTIAL ASSIGNMENT AND BILL OF SALE (this "Assignment") made to be effective as of 12:01 a.m., local time at the location of property underlying the Leases (as defined below) on the 11 day of June, 2014 (the "Effective Time"), by and between Sound Energy Company, Inc., a corporation organized under the laws of the State of Ohio ("SEC"); Charles Baker ("Mr. Baker"), and wife, Kim L. Baker ("Mrs. Baker"), both individuals residing in the State of Ohio; Michael Demattio ("Mr. "Demattio"), and wife Lisa H. Demattio ("Mrs. Demattio"), both individuals residing in the State of Ohio; Cassandra L. McCune (Ms. McCune), an unremarried widow, residing in the State of Ohio; Robert Timmerman ("Mr. Timmerman"), and wife Brenda L. Timmerman ("Mrs. Timmerman"), both individuals residing in the State of Ohio and Carrizo (Utica) LLC, a limited liability company organized under the laws of the State of Delaware ("Assignee"). Each of SEC, Mr. Baker, Mr. Demattio, Ms. McCune, and Mr. Timmerman may be referred to herein as "Assignor" and collectively as the "Assignors." Assignors and Assignee will collectively be referred to in this Agreement as the "Parties" and each of them, individually, as a "Party." Mrs. Baker, Mrs. Demattio, Mrs. Timmerman are executing this Agreement solely to release any dower rights. WHEREAS, Assignors and Assignee entered into that Purchase and Sale Agreement dated as of June 11, 2014 (the "Agreement"), pursuant to which Assignors have agreed to sell and Assignee has agreed to purchase and acquire the Assets (as hereinafter defined and subject to the exclusion set out below).

ARTICLE I ASSIGNMENT OF INTEREST

Assignment. In consideration of Ten Dollars (\$10.00) and other good and valuable consideration paid, the receipt and sufficiency of which are hereby acknowledged, Assignors hereby forever grant, sell, transfer, convey and assign, with limited warranty covenants, to Assignee, its successors and assigns, the properties and interests described in Section 1.1(a) through Section 1.1(d) below (collectively the "Assets"):

(a) the entire working interest of Assignors in and to the oil and gas leases described on Exhibit A attached hereto and made a part hereof (the "Leases")) INSOFAR AND ONLY INSOFAR as they cover the geologic interval from the top of the Queenston formation to the center of the Earth (the "Deep Horizons") which working interest shall afford Assignee not less than an 80% net revenue



Instrument Book Page 201400004653 OR 517 93

interest in the oil, gas and other hydrocarbons produced, and saved and sold from or allocated to the Leases insofar as the Leases cover the Deep Horizons;

- (b) to the extent assignable, all rights-of-way, easements, licenses and servitudes appurtenant to the Leases but subject to the rights of Assignors in such rights-of-way, easements, licenses and servitudes which respect to the Shallow Horizons (as defined below);
- (c) to the extent assignable, the rights and obligations, if any, derived from any operating agreements, units, unit agreements and unit operating agreements relating to the Leases INSOFAR AND ONLY INSOFAR as they cover the Deep Horizons; and
- (d) copies of all operating, accounting, seismic, geologic and geophysical maps and data, engineering and production history data, lease files, contract, land, title, well, regulatory, corporate and legal files, records, materials, data and information regarding the Leases, insofar as they cover and affect the Deep Horizons, including copies of the Leases and all title documentation, assignments, title opinions, abstracts of title, run-sheets, maps and other title information and environmental reports or assessments in Assignors' possession or control with respect to the items referred to in Sections 1.1(a), 1.1(b) and 1.1(c) above; provided, however, that the information and copies referred to in this Section 1.1(d) shall not include(i) any legal materials the disclosure of which Assignors determine would jeopardize the assertion of a privilege in ongoing or anticipated litigation with third parties or any attorney-client privilege, or (ii) information, the disclosure of which would violate any confidentiality agreement to which the disclosing Assignor is bound.
- Section 1.2 Excluded Assets and Correlative Rights. The grant, bargain, sale, transfer, conveyance, and assignment under this Assignment does not include any right, title and interest in the surface or in and to the oil, gas and other hydrocarbons or other minerals produced and saved and sold from or allocated to the Leases in subsurface depths above the Deep Horizons (the "Shallow Horizons"), including the leasehold estates created by the Leases insofar as they cover the Shallow Horizons. Notwithstanding the foregoing exclusion: (i) Assignors shall have the right to continue full operation of their existing wells, and any future wells that may be drilled to develop the Shallow Horizons; and (ii) Assignee shall have the right to drill through the Shallow Horizons to explore, to develop and to reach the oil, gas and other minerals in the Deep Horizons (including, without limitation, drilling in and through the Shallow Horizons to explore, to develop and to reach the oil, gas and other minerals in the Deep Horizons, conducting seismic explorations useful in exploring the Deep Horizons, and constructing, operating and maintaining pipelines and other facilities on or in the Shallow Horizons to explore for and develop the oil, gas and other minerals in and under the Deep Horizons or to store, compress, treat or transport same.)

Instrument Book Pase 201400004653 OR 517 935

ARTICLE II MISCELLANEOUS

- Section 2.1 Agreement; Incorporation by Reference. This Assignment is made specifically subject to the terms and conditions of the Agreement, which are incorporated herein by reference. Except as specifically defined herein, capitalized terms in this Assignment shall have the meanings given to them in the Agreement. The Agreement contains certain representations, warranties, obligations and covenants between Assignors and Assignee which survive the delivery of this Assignment and which shall not be merged into this Assignment, or otherwise negated by the execution and delivery of this Assignment. In the event of any conflict between the terms of this Assignment and the terms of the Agreement, the terms of the Agreement shall control.
- Section 2.2 Further Assurances. Each Party agrees to take such further actions and to execute, acknowledge and deliver all such further documents as are reasonably requested by the other for carrying out the purposes of this Assignment.
- Section 2.3 Assignment. This Assignment is made subject to the Agreement and to any and all licenses, leases, easements, rights of way, restrictions, covenants, restrictions and other matters of record affecting the Assets or the Leases, and land use or similar laws, rules or regulations.
- Section 2.4 Governing Law. This Assignment shall be governed by and construed and enforced in accordance with the internal Laws of the State of Ohio without reference to its choice of Law rules to the extent such rules would result in the application of the Laws of another jurisdiction.
- Section 2.5 Counterparts; Recordation. This Assignment may be executed in any number of counterparts, each of which shall be of equal dignity and all of which shall constitute but one and the same instrument.

[Signature Pages Follow]

Instrument Book Page 201400004653 OR 517 936

IN WITNESS WHEREOF, Assignors and Assignee have caused this Assignment to be duly executed on the respective dates set forth below in their respective acknowledgments, to be effective as of the Effective Time.

ASSIGNORS:

ASSIGNEE:

SOUND ENERGY COMPANY, INC.

CARRIZO (UTICA) LLC

Bruce Levengood, President

By: Name: Richard H. Smith
Title: Vice President - Land

Charles Baker

Kim L. Baker, signing solely to release dower

Michael Demattio

Lisa H. Demattio, signing solely to release

dower

Cassandra L. McCune

Cobert Timmerman

Brenda L. Timmerman, signing solely to

release dower

Instrument Book Pass 201400004653 DR 517 937

STATE OF ON)
COUNTY OF TUYCOY CLUSS) \$S:)
The foregoing instrument was acknowledged bet Levengood, President of Sound Energy Company, l	efore me this day of, 2014, by Bruce Inc., an Ohio corporation, on behalf of the corporation.
My Commission Expires 13/2010	Notary Public
STATE OF Teyas) ss:
COUNTY OF Harris) so:
The foregoing instrument was acknowledged befor Smith, Vice President - Land of Carrizo (Utica) LL liability company.	ore me this, 2014, by Richard H. LC, a Delaware limited liability company, on behalf of the limited
	Darsaloskhoshi
My Commission Expires You (16	Notary Public
STATE OF CONG	DARLA K. WISHKOSKI Notary Public, State of Texas My Commission Expires January 26, 2016
COUNTY OF TUNCATOLISS	
The foregoing instrument was acknowledged before Baker.	fore me this day of 2014, by Charles
My Commission Expires W1212016	Airden Airden
STATE OF O'TIO	
COUNTY OF TUSCOROLLYOS) SS:
The foregoing instrument was acknowledged before Baker.	fore me this day of, 2014, by Kim L.
My Commission Expires 1018 5016	Sunday Volon

STATE OF CONO
COUNTY OF TUNCOURS)SS:
The foregoing instrument was acknowledged before me this
My Commission Expires 1010101
STATE OF OTHER STATE OTHER STATE OF OTHER STATE OTHER STATE OF OTHER STATE OTHER STATE OF OTHER STATE OTHER STATE OF OTHER STATE OTHER STATE OF OTHER STATE OTHER STATE OF OTHER STATE OTH
COUNTY OF TURCOROLLOS) SS:
The foregoing instrument was acknowledged before me this day of
My Commission Expires 10101006
STATE OF ONIO
COUNTY OF Mushingum) ss:
The foregoing instrument was acknowledged before me this day of, 2014, by Cassandra L. McCune.
My Commission Expires 1010000
STATE OF Ohio
COUNTY OF TUSCOLOS) SS:
The foregoing instrument was acknowledged before me this that the contract of
My Commission Expires 1010 1016

Case: 2:18-cv-01771-EPD Doc #: 18 Filed: 04/01/19 Page: 38 of 172 PAGEID #: 614

Instrument Book Pase 201400004653 OR 517 939

STATE OF ONG)
COUNTY OF TUYONOUS) SS:

The foregoing instrument was acknowledged before me this _____ day of ______, 2014, by Brenda L. Timmerman.

My Commission Expires 1010 1010

This instrument prepared by: Carrizo (Utica), LLC 500 Dallas Street, Suite 2499 Houston, Texas 77002 Attention: Mr. Richard Smith Instrument 20140004453 OR 517 940

Exhibit A

DESCRIPTION OF LEASES

			, a		, I				T			1	J416
Marguerite Bond	Resource Exploration Inc.	Guernsey	Londonderry	26 & 32	11	7	93.560	100%	80.000	11/3/1972	70	700	20-0001369.000; 20-000067.000; 20-0001370.000; 20-000081.000
Lee R. Angle and Kathleen Angle	Resource Exploration Inc.	Guernsey	Londonderny	27	11	7	5.000	100%	80.000	12/30/1972	71	104	20-0000004.000
Deli J. Merryman	Resource Exploration Inc.	Guarnsey	Londonderry	33	11	7	4.2	100%	80.000	12/5/1973	72	772	20-0000443.000 20-0000443.001

201600007020 Filed for Record in GUERNSEY COUNTY, OHIO COLLEEN WHEATLEY, RECORDER 12-20-2016 At 11:16 am. 36.00 543 Pase 711 - 713 OR Book 201600007020 BETA PICK UP

Instrument 201600007020 OR

MEMORANDUM OF OIL AND GAS TOP LEASE

STATE OF OHIO COUNTY OF GUERNSEY

THIS MEMORANDUM OF LEASE, dated November 30th, 2016, is by and between Kezneth D. Ruttig, Sr. and Deborah S. Ruttig, husband and wife, whose address is 73493 Crab Orchard Road, Freeport, Ohio 43973, hereinafter called Lessor, and Carrizo (Utica) LLC, 500 Dallas Street, Suite 2300, Houston, Texas 77002, hereinafter called Lessee.

WITNESSETH: That Lessor, for Ten Dollars (\$10.00) and other valuable consideration, and in consideration of the covenants of the Lessee set forth in that certain Oil and Gas Top Lease (the "Lease") made and entered into on the Execution Date of November 30th, 2016, by and between the parties hereto covering the land hereinafter described (referred to as "Leasehold Premises") and by reference made a part hereof, does through the Lease grant, lease, and let exclusively unto said Lessee for the purpose of exploring, drilling, operating for and producing oil and gas from, those certain tracts of land being located in Guernsey County, State of Ohio, containing 148.112 acres of land, more or less, to-wit:

TRACT 1:

County	Township	Sec/Twp/Range	Acreage	Tax Number
Guernsey	Londonderry	33/11/7	148.112, more or less	20-0001247.000

Title to the Premises conveyed to Lessor and more particularly described in Official Record Book 448, Page 1026 in Guernsey County, Ohio Record of Deeds and is bounded substantially by lands now or formerly owned as follows:

On the North by lands of: Charles E. Miller; Charles E. Miller and Juanita J. Miller; Arleen G. Roby; Daniel R. Hoop and Sandra A. Hoop; Vicki Sue Hoop

On the East by lands of: Kenneth D. Ruttig, Sr. and Deborah S. Ruttig; Roger S. Tedrick and Ruthanne L. Tedrick; Marcia Gunn

On the South by lands of: Dale E. Bond and Joan K. Bond and Marlene Bond; Kenneth D.

Peggy D. Shaffer

Loretta Downerd, husband and wife, as lessor, to Resource Exploration Inc., as lessee, recorded in Volume 70, Page 687 of the Lease Records of the Guernsey County, Ohio Recorder's Office (the "Base Lease"), and shall become effective immediately upon the expiration, termination, cancellation, surrender, release, forfeiture or other cessation of the Base Lease, in its entirety (the "Effective Date"), and shall continue in force thereafter for a term of five (5) years (the "Primary Term") and as long thereafter as any of the following are satisfied: (i) subject to Paragraph 7 (A) of the Lease, continuous Operations (as defined in the Lease) are pursued on the Leasehold Premises or on lands pooled and/or unitized therewith in search of Hydrocarbons; (ii) any form of Hydrocarbons is produced in paying quantities from the Leasehold Premises or from lands pooled and/or unitized therewith; (iii) a well deemed by Lessee to be capable of production in paying quantities is located on the Leasehold Premises or on lands pooled and/or unitized therewith; (iv) the payments prescribed in the Lease are made; (v) Lessee's operations are delayed, postponed or interrupted as a result of any coal, stone or other mining or mining related operation under any existing and effective lease, permit or authorization covering such operations on the Leasehold Premises or on other lands affecting the Leasehold Premises, in which case such delay will automatically extend the Primary Term and any extension of the Lease without additional compensation

Ruttig, Sr. and Deborah S. Ruttig On the West by lands of: Kenneth D. Ruttig, Sr. and Deborah S. Ruttig; Icel W. Shaffer and The Lease is subject to a certain oil and gas lease, dated November 1st, 1972, from Glenn B. Downerd and

EXHIBIT

Agreement And F.S. See OR 5540% 2735, 2743, 2751, 2759, 2707 Operation

Sec ORSSS Pg. 215

Instrument 201600007020 DR

or performance by Lessee for a period of time equal to any such delay, postponement or interruption, unless earlier terminated in accordance with the terms and provisions of the Lease; or (vi) as extended by any other provision of the Lease (the items enumerated in (i) to (vi), the "Secondary Term Conditions"). Notwithstanding the foregoing, the Lease shall become null and void, and be of no further force and effect, if the Effective Date occurs on a date later than five years from the Execution Date of the Lease. For avoidance of doubt, in the event of any Partial Release of the Leasehold Premises (as defined below), the Effective Date of the Lease shall not be deemed to occur until the last remaining portion(s) of the Leasehold Premises become unencumbered by the Base Lease, and the Lease shall then apply only to those portions of the Leasehold Premises for which Lessee has not received an Option Notice (as defined below). The Primary Term of the Lease may be extended by the period of time between the Lessor's or Lessee's receipt of an Expiration Notice as provided for in the Lease, as applicable, and the Effective

The Lease further provides that Lessor has granted to Lessee a present, recurring, and exclusive first right and option to lease any portion(s) of the Leasehold Premises that may become unencumbered by the Base Lease after the signing of the Lease as the result of a Partial Release (the "Option"). As used herein, a "Partial Release" shall mean any expiration, termination, cancellation, surrender, release, forfeiture, or other occurrence such that the Base Lease is of no further force and effect as to less than the entirety of the Leasehold Premises. Upon each such Partial Release, Lessor shall give Lessee written notice of the same, or Lessee may give Lessor written notice of the same, stating that a Partial Release has occurred, and identifying the portion(s) of the Leasehold Premises made unencumbered by the Base Lease as a result (an "Option Notice"). Lessee may exercise the Option, in its sole and absolute discretion, by notifying Lessor within 60 days of Lessee's receipt or tender of such Option Notice, as may be applicable, that Lessee wishes to exercise the Option. The Option period shall commence as of the Execution Date of the Lease and continue in effect for five years, unless the Lease is surrendered earlier. Any lease granted by Lessor to a party other than Lessee in violation of the foregoing Option shall be null and void. To the extent that Lessee fails to exercise its Option as to all or part of the Lessehold Premises identified in an Option Notice, then such portion(s) of the Leasehold Premises shall be released from the Lease.

The Lease further provides that Lessee has the option to extend the Primary Term of the Lease for a period of three (3) years. Should this option be exercised, it shall be considered for all purposes as though the Lease originally provided for a Primary Term consisting of eight (8) years. In the event the Lease is being maintained by any other Lease provision(s) at the expiration of the original Primary Term, Lessee shall have a period of sixty (60) days from the date the Lease ceases to be so maintained within which to exercise this option.

Any capitalized terms that are not defined herein shall have the meaning given to such terms in the Lease. In the event of a conflict between any of the terms and conditions contained in this Memorandum and the terms and conditions contained in the Lease, the terms and provisions contained in the Lease shall be controlling.

IN WITNESS WHEREOF, the parties hereto have caused this Memorandum of Oil and Gas Lease to be executed on November 30th, 2016.

LESSOR(S):

By: Kenneth D. Ruttig, Sr.

Book Pase 543 713 Instrument 201600007020 OR

LESSEE:

CARRIZO (UTICA) LLC

By: Richard H. Smith, Vice President - Land

ACKNOWLEDGMENT				
State of Ohio County of Guernsey))SS:)	(Individual Acknowledgement)		
•	t was acknowledge ah S. Ruttig.	d before me this 30th day of November, 2016 by		
IN WITNESS WHEREOF, I here Notary Public My Commission Expires:	molf	DENISE BURNOLARDT NOTARY PUBLIC		
co	PRPORATE ACK	NOWLEDGEMENT		
STATE OF TEXAS))SS			
The foregoing instrumer 2016 by Richard H. Smith, Vice behalf of the corporation.	nt was acknowledge President – Land (ed before me this /St day of December, of Carrizo (Utica), LLC a Delaware corporation, on		
IN WITNESS WHEREOF, I here Notary Public My Commission Expires: 06	Eunito set my hand an Euchneon de 14-20/8	PATRICIA A. RIGHMOND Notary Public, State of Texas Comm. Expires 06-14-2018 Notary ID 125726516		

PREPARED BY: BETA Land Services, LLC

201600097021
Filed for Record in
GUERNSEY COUNTY, OHIO
COLLEEN WHEATLEY, RECORDER
12-20-2016 At 11*16 am.
LEASE 36.00
OR Book 543 Page 714 - 716
201600007021
BETA
PICK UP

Instrument Book Pase 201600007021 OR 543 71

MEMORANDUM OF OIL AND GAS TOP LEASE

STATE OF OHIO
COUNTY OF GUERNSEY

THIS MEMORANDUM OF LEASE, dated November 30th, 2016, is by and between Kenneth D. Ruttig, Sr. and Deborah S. Ruttig, husband and wife, whose address is 73493 Crab Orchard Road, Freeport, Ohio 43973, hereinafter called Lessor, and Carrizo (Utica) LLC, 500 Dallas Street, Suite 2300, Houston, Texas 77002, hereinafter called Lessee.

WITNESSETH: That Lessor, for Ten Dollars (\$10.00) and other valuable consideration, and in consideration of the covenants of the Lessee set forth in that certain Oil and Gas Top Lease (the "Lease") made and entered into on the Execution Date of November 30th, 2016, by and between the parties hereto covering the land hereinafter described (referred to as "Leasehold Premises") and by reference made a part hereof, does through the Lease grant, lease, and let exclusively unto said Lessee for the purpose of exploring, drilling, operating for and producing oil and gas from, those certain tracts of land being located in Guernsey County, State of Ohio, containing 5.153 acres of land, more or less, to-wit:

TRACT 1:

County	Township	Sec/Twp/Range	Acreage	Tax Number
Guernsey	Londonderry	27/11/7	5.153, more or less	20-0000004.000

Title to the Premises conveyed to Lessor and more particularly described in Official Record Book 504, Page 425 in Guernsey County, Ohio Record of Deeds and is bounded substantially by lands now or formerly owned as follows:

On the North by lands of: Norman E. Wagler, Trustee On the East by lands of: Roger S. Tedrick and Ruthanne L. Tedrick On the South by lands of: Roger S. Tedrick and Ruthanne L. Tedrick On the West by lands of: Kenneth D. Ruttig, Sr. and Deborah S. Ruttig

The Lease is subject to a certain oil and gas lease, dated December 30th, 1972, from Lee R. Angle and Kathleen Angle, husband and wife, as lessor, to Resource Exploration Inc., as lessee, recorded in Volume 71, Page 104 of the Lease Records of the Guernsey County, Ohio Recorder's Office (the "Base Lease"), and shall become effective immediately upon the expiration, termination, cancellation, surrender, release, forfeiture or other cessation of the Base Lease, in its entirety (the "Effective Date"), and shall continue in force thereafter for a term of five (5) years (the "Primary Term") and as long thereafter as any of the following are satisfied: (i) subject to Paragraph 7 (A) of the Lease, continuous Operations (as defined in the Lease) are pursued on the Leasehold Premises or on lands pooled and/or unitized therewith in search of Hydrocarbons; (ii) any form of Hydrocarbons is produced in paying quantities from the Leasehold Premises or from lands pooled and/or unitized therewith; (iii) a well deemed by Lessee to be capable of production in paying quantities is located on the Leasehold Premises or on lands pooled and/or unitized therewith; (iv) the payments prescribed in the Lease are made; (v) Lessee's operations are delayed, postponed or interrupted as a result of any coal, stone or other mining or mining related operation under any existing and effective lease, permit or authorization covering such operations on the Leasehold 5 Premises or on other lands affecting the Leasehold Premises, in which case such delay will automatically extend the Primary Term and any extension of the Lease without additional compensation or performance by Lessee for a period of time equal to any such delay, postponement or interruption, unless earlier terminated in accordance with the terms and provisions of the Lease; or (vi) as extended by any other provision of the Lease (the items enumerated in (i) to (vi), the "Secondary Term Conditions").

JR Supp to operating Agres ; F.S. See OR55601, 2735, 2743, 2751,2759, 2767 | For poseing agree. See OR 555 Pg. 2153

Instrument Book Page

Notwithstanding the foregoing, the Lease shall become null and void, and be of no further force and effect, if the Effective Date occurs on a date later than five years from the Execution Date of the Lease. For avoidance of doubt, in the event of any Partial Release of the Leasehold Premises (as defined below), the Effective Date of the Lease shall not be deemed to occur until the last remaining portion(s) of the Leasehold Premises become unencumbered by the Base Lease, and the Lease shall then apply only to those portions of the Leasehold Premises for which Leasee has not received an Option Notice (as defined below). The Primary Term of the Lease may be extended by the period of time between the Lessor's or Lessee's receipt of an Expiration Notice as provided for in the Lease, as applicable, and the Effective Date.

The Lease further provides that Lessor has granted to Lessee a present, recurring, and exclusive first right and option to lease any portion(s) of the Leasehold Premises that may become unencumbered by the Base Lease after the signing of the Lease as the result of a Partial Release (the "Option"). As used herein, a "Partial Release" shall mean any expiration, termination, cancellation, surrender, release, forfeiture, or other occurrence such that the Base Lease is of no further force and effect as to less than the entirety of the Leasehold Premises. Upon each such Partial Release, Lessor shall give Lessee written notice of the same, or Lessee may give Lessor written notice of the same, stating that a Partial Release has occurred, and identifying the portion(s) of the Leasehold Premises made unencumbered by the Base Lease as a result (an "Option Notice"). Lessee may exercise the Option, in its sole and absolute discretion, by notifying Lessor within 60 days of Lessee's receipt or tender of such Option Notice, as may be applicable, that Lessee wishes to exercise the Option. The Option period shall commence as of the Execution Date of the Lease and continue in effect for five years, unless the Lease is surrendered earlier. Any lease granted by Lessor to a party other than Lessee in violation of the foregoing Option shall be null and void. To the extent that Lessee fails to exercise its Option as to all or part of the Leasehold Premises identified in an Option Notice, then such portion(s) of the Leasehold Premises shall be released from the Lease.

The Lease further provides that Lessee has the option to extend the Primary Term of the Lease for a period of three (3) years. Should this option be exercised, it shall be considered for all purposes as though the Lease originally provided for a Primary Term consisting of eight (8) years. In the event the Lease is being maintained by any other Lease provision(s) at the expiration of the original Primary Term, Lessee shall have a period of sixty (60) days from the date the Lease ceases to be so maintained within which to exercise this option.

Any capitalized terms that are not defined herein shall have the meaning given to such terms in the Lease. In the event of a conflict between any of the terms and conditions contained in this Memorandum and the terms and conditions contained in the Lease, the terms and provisions contained in the Lease shall be controlling.

IN WITNESS WHEREOF, the parties hereto have caused this Memorandum of Oil and Gas Lease to be executed on November 30th, 2016.

LESSOR(S):

By: Kenneth D. Ruttig, Sr.

LESSEE:

CARRIZO (UTICA) LLC

By: Richard H. Smith, Vice President - Land

Instrument Book Pase 201600007021 OR 543 716

ACKNOWLEDGMENT

State of Ohio))SS:	(Individual Acknowledgement)
County of Guernsey)	(Individual Acknowledgement)
The foregoing instrum Kenneth D. Ruttig, Sr. and Deb		before me this 30th day of November, 2016 by
IN WITHESS WHEREOF LINE		official seal.
Notary Public My Commission Expires:		NOTINITY PLINES
		STATE OF CHEO

CORPORATE ACKNOWLEDGEMENT

STATE OF TEXAS)
SS
COUNTY OF HARRIS)

The foregoing instrument was acknowledged before me this LS day of December.

2016 by Richard H. Smith, Vice President – Land of Carrizo (Utica), LLC a Delaware corporation, on behalf of the corporation.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

Patriciale Bichmond

My Commission Expires: <u>06 - 14 - 20 / 8</u>

PATRICIA A. RICHMOND Notary Public, State of Texas Comm. Expires 66-14-2018 Notary ID 125726616

PREPARED BY: BETA Land Services, LLC

201700000137
Filed for Record in
GUERNSEY COUNTY, OHIO
COLLEEN WHEATLEY, RECORDER
01-06-2017 At 02:26 pm.
LEASE 36.00
OR Book 543 Page 2187 - 2189
201700000137
BETA
PICK UP

Instrument Book Page 201700000137 OR 543 2187

MEMORANDUM OF OIL AND GAS TOP LEASE

STATE OF OHIO

COUNTY OF GUERNSEY :

THIS MEMORANDUM OF TOP LEASE, dated December 21, 2016, is by and between Charles E. Miller, a widowed man, whose address is 21521 Titus Road, Freeport, Ohio 43973, hereinafter called Lessor, and Carrizo (Utica) LLC, 500 Dallas Street, Suite 2300, Houston, Texas 77002, hereinafter called Lessee.

WITNESSETH: That Lessor, for Ten Dollars (\$10.00) and other valuable consideration, and in consideration of the covenants of the Lessee set forth in that certain Oil and Gas Top Lease (the "Lease") made and entered into on the Execution Date of December 21, 2016, by and between the parties hereto covering the land hereinafter described (referred to as "Leasehold Premises") and by reference made a part hereof, does through the Lease grant, lease, and let exclusively unto said Lessee for the purpose of exploring, drilling, operating for and producing oil and gas from, those certain tracts of land being located in Guernsey County, State of Ohio, containing 1.907 acres of land, more or less, to-wit:

TRACT 1:

County	Township	Sec/Twp/Range	Acreage	Tax Number
Guernsey	Londonderry	33/11N/7W	1.907, more or less	20-0000443.000

Title to the Premises conveyed to Lessor and more particularly described in Official Record Book 505, Page 360 in Guernsey County, Ohio Record of Deeds and is bounded substantially by lands now or formerly owned as follows:

On the North by lands of: Amy Crawford
On the East by lands of: Kenneth D. Ruttig, Sr. and Deborah S. Ruttig
On the South by lands of: Kenneth D. Ruttig, Sr. and Deborah S. Ruttig
On the West by lands of: Kenneth D. Ruttig, Sr. and Deborah S. Ruttig

The Lease is subject to a certain oil and gas lease, dated December 5, 1973, from Dell J. Merryman, as lessor, to Resource Exploration, Inc., as lessee, recorded in Volume 72, Page 772 of the Lease Records of the Guernsey County, Ohio Recorder's Office (the "Base Lease"), and shall become effective immediately upon the expiration, termination, cancellation, surrender, release, forfeiture or other cessation of the Base Lease, in its entirety (the "Effective Date"), and shall continue in force thereafter for a term of five (5) years (the "Primary Term") and as long thereafter as any of the following are satisfied: (i) subject to Paragraph 7(a) of the Lease, continuous Operations (as defined in the Lease) are pursued on the Leasehold Premises or on lands pooled and/or unitized therewith in search of Hydrocarbons; (ii) any form of Hydrocarbons is produced in paying quantities from the Leasehold Premises or from lands pooled and/or unitized therewith; (iii) a well deemed by Lessee to be capable of production in paying quantities is located on the Leasehold Premises or on lands pooled and/or unitized therewith; (iv) the payments prescribed in the Lease are made; (v) Lessee's operations are delayed, postponed or interrupted as a result of any coal, stone or other mining or mining related operation under any existing and effective lease, permit or authorization covering such operations on the Leasehold Premises or on other lands affecting the Leasehold Premises, in which case such delay will automatically extend the Primary Term and any extension of the Lease without additional compensation or performance by Lessee for a period of time equal to any such delay, postponement or interruption, unless earlier terminated in accordance with the terms and provisions of the Lease; or (vi) as extended by any other provision of the Lease (the items enumerated in (i) to (vi), the "Secondary Term Conditions"). Notwithstanding the foregoing, the Lease shall become null and void, and be of no further force and effect, if the Effective Date occurs on a date

18 Supp to Oper. Agreet F.S. See OK 55 Way, 2725, 2743, 2751, 2759, 2767

Instrument Book Page 201708000137 QR 543 2188

later than five years from the Execution Date of the Lease. For avoidance of doubt, in the event of any Partial Release of the Leasehold Premises (as defined below), the Effective Date of the Lease shall not be deemed to occur until the last remaining portion(s) of the Leasehold Premises become unencumbered by the Base Lease, and the Lease shall then apply only to those portions of the Leasehold Premises for which Lessee has not received an Option Notice (as defined below). The Primary Term of the Lease may be extended by the period of time between the Lessor's or Lessee's receipt of an Expiration Notice as provided for in the Lease, as applicable, and the Effective Date.

The Lease further provides that Lessor has granted to Lessee a present, recurring, and exclusive first right and option to lease any portion(s) of the Leasehold Premises that may become unencumbered by the Base Lease after the signing of the Lease as the result of a Partial Release (the "Option"). As used herein, a "Partial Release" shall mean any expiration, termination, cancellation, surrender, release, forfeiture, or other occurrence such that the Base Lease is of no further force and effect as to less than the entirety of the Leasehold Premises. Upon each such Partial Release, Lessor shall give Lessee written notice of the same, or Lessee may give Lessor written notice of the same, stating that a Partial Release has occurred, and identifying the portion(s) of the Leasehold Premises made unencumbered by the Base Lease as a result (an "Option Notice"). Lessee may exercise the Option, in its sole and absolute discretion, by notifying Lessor within 60 days of Lessee's receipt or tender of such Option Notice, as may be applicable, that Lessee wishes to exercise the Option. The Option period shall commence as of the Execution Date of the Lease and continue in effect for five years, unless the Lease is surrendered earlier. Any lease granted by Lessor to a party other than Lessee in violation of the foregoing Option shall be null and void. To the extent that Lessee fails to exercise its Option as to all or part of the Leasehold Premises identified in an Option Notice, then such portion(s) of the Leasehold Premises shall be released from the Lease.

The Lease further provides that Lessee has the option to extend the Primary Term of the Lease for a period of three (3) years. Should this option be exercised, it shall be considered for all purposes as though the Lease originally provided for a Primary Term consisting of eight (8) years. In the event the Lease is being maintained by any other Lease provision(s) at the expiration of the original Primary Term, Lessee shall have a period of sixty (60) days from the date the Lease ceases to be so maintained within which to exercise this option.

Any capitalized terms that are not defined herein shall have the meaning given to such terms in the Lease. In the event of a conflict between any of the terms and conditions contained in this Memorandum and the terms and conditions contained in the Lease, the terms and provisions contained in the Lease shall be controlling.

IN WITNESS WHEREOF, the parties hereto have caused this Memorandum of Oil and Gas Lease to be executed on December 21, 2016.

LESSOR(S):

By: Charles E. Miller

LESSEE:

CARRIZO (UTICA) LLA

By: Richard H. Smith, Vice President - Land

[Remainder of page intentionally left blank; acknowledgments to follow]

Case: 2:18-cv-01771-EPD Doc #: 18 Filed: 04/01/19 Page: 48 of 172 PAGEID #: 624

Instrument Book Pase 201700000137 OR 543 2189

		ACKNOWLE	DGMENT
Œ	State of Ohio County of Guernsey The foregoing instrum Charles E Miller. PA WITNESS WHEREOF, I h Notary Public My Commission Expires:))SS:) nent was acknowledged greunto set my hand and	(Individual Acknowledgement) before me this 22 day of December, 2016 by
			STATE OF CHO Alic, 211 Cham, Spirit January 18, 2018

CORPORATE ACKNOWLEDGEMENT

STATE OF TEXAS)
)SS
COUNTY OF HARRIS	•

The foregoing instrument was acknowledged before me this 5th day of <u>January</u>, <u>2017</u> by Richard H. Smith, Vice President – Land of Carrizo (Utica), LLC a Delaware corporation, on behalf of the corporation.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

Patricial Richmond

My Commission Expires: 06-14-2018

PATRICIA A. RICHMOND Notary Public, State of Texas Comm. Expires 06-14-2018 Notary 10 125726516

PREPARED BY: BETA Land Services, LLC

FOR Supp. to Operationy Agree 2 F.S. See OR 5560ps. 2735, 2743, 2751, 2759, 2747, 2767, 27

201600007019
Filed for Record in
GUERNSEY COUNTY, OHIO
COLLEEN WHEATLEY, RECORDER
12-20-2016 At 11:16 am.
LEASE 36.00
OR Book 543 Page 708 - 710
201600007019
BETA
PICK UP

Instrument Book Page 201600007019 OR 543 708

MEMORANDUM OF OIL AND GAS TOP LEASE

STATE OF OHIO	}
COLINTY OF CHEDNICEY	}
COUNTY OF GUERNSEY	}

THIS MEMORANDUM OF LEASE, dated November , 2016, is by and between Mark D. Halterman, a single man, whose address is 656 South Sheraton Circle, Akron, Ohio 44319, hereinafter called Lessor, and Carrizo (Utica) LLC, 500 Dallas Street, Suite 2300, Houston, Texas 77002, hereinafter called Lessee.

WITNESSETH: That Lessor, for Ten Dollars (\$10.00) and other valuable consideration, and in consideration of the covenants of the Lessee set forth in that certain Oil and Gas Top Lease (the "Lease") made and entered into on the Execution Date of November ______, 2016, by and between the parties hereto covering the land hereinafter described (referred to as "Leasehold Premises") and by reference made a part hereof, does through the Lease grant, lease, and let exclusively unto said Lessee for the purpose of exploring, drilling, operating for and producing oil and gas from, those certain tracts of land being located in Guernsey County, State of Ohio, containing 100.0 acres of land, more or less, to-wit:

TRACT 1:

County	Township	Sec/Twp/Range	Acreage	Tax Number
Guernsey	Londonderry	26/11N/7W	100.0, more or less	20-0000102.000

Title to the Premises conveyed to Lessor and more particularly described in Official Record Book 135, Page 60 in Guernsey County, Ohio Record of Deeds and is bounded substantially by lands now or formerly owned as follows:

On the North by lands of: Dale Bond, et al; Leisa Bond; Freeport Lodge #415 F.A.M.; Richard Betts & Kendra Betts

On the East by lands of: Leisa Bond; Freeport Lodge #415 F.A.M.; Richard Betts & Kendra Betts; Michael Powell & Rhonda Powell

On the South by lands of: Richard Betts & Kendra Betts; Stanley Pelka & Linda Pelka,

Trustees; Cadiz Properties, LLC

On the West by lands of: Dale Bond, et al

The Lease is subject to a certain oil and gas lease, dated May 18, 1966, from John McElhaney and Martha McElhaney, husband and wife, as lessor, to Walter H. Baird, Baird and Bird, as lessee, recorded in Volume 55, Page 395 of the Lease Records of the Guernsey County, Ohio Recorder's Office (the "Base Lease"), and shall become effective immediately upon the expiration, termination, cancellation, surrender, srelease, forfeiture or other cessation of the Base Lease, in its entirety (the "Effective Date"), and shall continue in force thereafter for a term of five (5) years (the "Primary Term") and as long thereafter as any of the following are satisfied: (i) subject to Paragraph 7(a) of the Lease, continuous Operations (as defined in the Lease) are pursued on the Leasehold Premises or on lands pooled and/or unitized therewith in search of Hydrocarbons; (ii) any form of Hydrocarbons is produced in paying quantities from the Leasehold Premises or from lands pooled and/or unitized therewith; (iii) a well deemed by Lessee to be capable of production in paying quantities is located on the Leasehold Premises or on lands pooled and/or unitized therewith; (iv) the payments prescribed in the Lease are made; (v) Lessee's operations are delayed, postponed or interrupted as a result of any coal, stone or other mining or mining related operation under any existing and effective lease, permit or authorization covering such operations on the Leasehold Premises or on other lands affecting the Leasehold Premises, in which case such delay will automatically extend the Primary Term and any extension of the Lease without additional compensation or performance by Lessee for a period of time equal to any such delay, postponement or interruption,

Instrument 201600007019 OR 543 709

unless earlier terminated in accordance with the terms and provisions of the Lease; or (vi) as extended by any other provision of the Lease (the items enumerated in (i) to (vi), the "Secondary Term Conditions"). Notwithstanding the foregoing, the Lease shall become null and void, and be of no further force and effect, if the Effective Date occurs on a date later than five years from the Execution Date of the Lease. For avoidance of doubt, in the event of any Partial Release of the Leasehold Premises (as defined below), the Effective Date of the Lease shall not be deemed to occur until the last remaining portion(s) of the Leasehold Premises become unencumbered by the Base Lease, and the Lease shall then apply only to those portions of the Leasehold Premises for which Lessee has not received an Option Notice (as defined below). The Primary Term of the Lease may be extended by the period of time between the Lessor's or Lessee's receipt of an Expiration Notice as provided for in the Lease, as applicable, and the Effective Date.

The Lease further provides that Lessor has granted to Lessee a present, recurring, and exclusive first right and option to lease any portion(s) of the Leasehold Premises that may become unencumbered by the Base Lease after the signing of the Lease as the result of a Partial Release (the "Option"). As used herein, a "Partial Release" shall mean any expiration, termination, cancellation, surrender, release, forfeiture, or other occurrence such that the Base Lease is of no further force and effect as to less than the entirety of the Leasehold Premises. Upon each such Partial Release, Lessor shall give Lessee written notice of the same, or Lessee may give Lessor written notice of the same, stating that a Partial Release has occurred, and identifying the portion(s) of the Leasehold Premises made unencumbered by the Base Lease as a result (an "Option Notice"). Lessee may exercise the Option, in its sole and absolute discretion, by notifying Lessor within 60 days of Lessee's receipt or tender of such Option Notice, as may be applicable, that Lessee wishes to exercise the Option. The Option period shall commence as of the Execution Date of the Lease and continue in effect for five years, unless the Lease is surrendered earlier. Any lease granted by Lessor to a party other than Lessee in violation of the foregoing Option shall be null and void. To the extent that Lessee fails to exercise its Option as to all or part of the Leasehold Premises identified in an Option Notice, then such portion(s) of the Leasehold Premises shall be released from the Lease.

The Lease further provides that Lessee has the option to extend the Primary Term of the Lease for a period of three (3) years. Should this option be exercised, it shall be considered for all purposes as though the Lease originally provided for a Primary Term consisting of eight (8) years. In the event the Lease is being maintained by any other Lease provision(s) at the expiration of the original Primary Term, Lessee shall have a period of sixty (60) days from the date the Lease ceases to be so maintained within which to exercise this option.

Any capitalized terms that are not defined herein shall have the meaning given to such terms in the Lease. In the event of a conflict between any of the terms and conditions contained in this Memorandum and the terms and conditions contained in the Lease, the terms and provisions contained in the Lease shall be controlling.

LESSOR(S):

By: Mark D. Halterman

LESSEE:

-2-

CARRIZO (UTICA) LLC

By: Richard H. Smith, Vice President - Land

	ACKNOWL	EDGMENT
State of Ohio County of Summer))SS:)	(Individual Acknowledgement)
The foregoing instrument Mark D. Halterman.	was acknowledge	d before me this <u>21</u> day of November, 2016 by
IN WITNESS WHEREOF, I hereus with the second		KAREN J. ANSELL Notary Public State of Ohio My Comm. Expires May 1, 2021
COF	RPORATE ACKI	NOWLEDGEMENT
STATE OF TEXAS))SS	·
COUNTY OF HARRIS The foregoing instrument 2016 by Richard H. Smith, Vice I behalf of the corporation.) was acknowledge President – Land o	ed before me this 15th day of December of Carrizo (Utica), LLC a Delaware corporation, on
IN WITNESS WHEREOF, I hereu Patricia C. Sic Notary Public My Commission Expires:	•	PATRICIA A. RICHMOND Notary Public, State of Texas Comm. Expires 06-14-2018

PREPARED BY: BETA Land Services, LLC

FOR Supp to Operating Agree 1F.S . See OR 55 Logs. 2735, 2743, 2751, 2759, 2767

201600007022
Filed for Record in
GUERNSEY COUNTY, OHIO
COLLEEN WHEATLEY, RECORDER
12-20-2016 At 11:16 am.
LEASE 36.00
OR Book 543 Page 717 - 719
201600007022
BETA
PICK UP

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MEMORANDUM OF OIL AND GAS TOP LEASE

STATE OF OHIO

COUNTY OF GUERNSEY

THIS MEMORANDUM OF LEASE, dated December ______, 2016, is by and between Michael S. Powell and Rhonda G. Powell, husband and wife, whose address is 22588 Cadiz Road, Freeport, Ohio 43973, hereinafter called Lessor, and Carrizo (Utica) LLC, 500 Dallas Street, Suite 2300, Houston, Texas 77002, hereinafter called Lessee.

WITNESSETH: That Lessor, for Ten Dollars (\$10.00) and other valuable consideration, and in consideration of the covenants of the Lessee set forth in that certain Oil and Gas Top Lease (the "Lease") made and entered into on the Execution Date of December ______, 2016, by and between the parties hereto covering the land hereinafter described (referred to as "Leasehold Premises") and by reference made a part hereof, does through the Lease grant, lease, and let exclusively unto said Lessee for the purpose of exploring, drilling, operating for and producing oil and gas from, those certain tracts of land being located in Guernsey County, State of Ohio, containing 28.384 acres of land, more or less, to-wit:

TRACT 1:

County	Township	Sec/Twp/Range	Acreage	Tax Number
Guernsey	Londonderry	26/11N/7W	28.384, more or less	20-0000455.000

Title to the Premises conveyed to Lessor and more particularly described in Official Record Book 137, Page 497 in Guernsey County, Ohio Record of Deeds and is bounded substantially by lands now or formerly owned as follows:

On the North by lands of: Michael and Rhonda Powell; Freeport Lodge #415 F.A.M.; Richard Betts & Kendra Betts

On the East by lands of: Charles Bond, et al

On the South by lands of: Tommy and Martha Ripley

On the West by lands of: Richard and Kendra Betts; Mark Halterman; Freeport Lodge #415

F.A.M.

The Lease is subject to a certain oil and gas lease, dated November 2nd, 1972, from Rex C. Murray and Cecilia Murray, husband and wife, as lessor, to Resource Exploration, as lessee, recorded in Volume 70, Page 685 of the Lease Records of the Guernsey County, Ohio Recorder's Office (the "Base Lease"), and shall become effective immediately upon the expiration, termination, cancellation, surrender, release, forfeiture or other cessation of the Base Lease, in its entirety (the "Effective Date"), and shall continue in force thereafter for a term of five (5) years (the "Primary Term") and as long thereafter as any of the Sollowing are satisfied: (i) subject to Paragraph 7(a) of the Lease, continuous Operations (as defined in the Lease) are pursued on the Leasehold Premises or on lands pooled and/or unitized therewith in search of Hydrocarbons; (ii) any form of Hydrocarbons is produced in paying quantities from the Leasehold Premises or from lands pooled and/or unitized therewith; (iii) a well deemed by Lessee to be capable of production in paying quantities is located on the Leasehold Premises or on lands pooled and/or unitized therewith; (iv) the payments prescribed in the Lease are made; (v) Lessee's operations are delayed, postponed or interrupted as a result of any coal, stone or other mining or mining related operation under any existing and effective lease, permit or authorization covering such operations on the Leasehold Premises or on other lands affecting the Leasehold Premises, in which case such delay will automatically extend the Primary Term and any extension of the Lease without additional compensation or performance

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by Lessee for a period of time equal to any such delay, postponement or interruption, unless earlier terminated in accordance with the terms and provisions of the Lease; or (vi) as extended by any other provision of the Lease (the items enumerated in (i) to (vi), the "Secondary Term Conditions"). Notwithstanding the foregoing, the Lease shall become null and void, and be of no further force and effect, if the Effective Date occurs on a date later than five years from the Execution Date of the Lease. For avoidance of doubt, in the event of any Partial Release of the Leasehold Premises (as defined below), the Effective Date of the Lease shall not be deemed to occur until the last remaining portion(s) of the Leasehold Premises become unencumbered by the Base Lease, and the Lease shall then apply only to those portions of the Leasehold Premises for which Lessee has not received an Option Notice (as defined below). The Primary Term of the Lease may be extended by the period of time between the Lessor's or Lessee's receipt of an Expiration Notice as provided for in the Lease, as applicable, and the Effective Date.

The Lease further provides that Lessor has granted to Lessee a present, recurring, and exclusive first right and option to lease any portion(s) of the Leasehold Premises that may become unencumbered by the Base Lease after the signing of the Lease as the result of a Partial Release (the "Option"). As used herein, a "Partial Release" shall mean any expiration, termination, cancellation, surrender, release, forfeiture, or other occurrence such that the Base Lease is of no further force and effect as to less than the entirety of the Leasehold Premises. Upon each such Partial Release, Lessor shall give Lessee written notice of the same, or Lessee may give Lessor written notice of the same, stating that a Partial Release has occurred, and identifying the portion(s) of the Leasehold Premises made unencumbered by the Base Lease as a result (an "Option Notice"). Lessee may exercise the Option, in its sole and absolute discretion, by notifying Lessor within 60 days of Lessee's receipt or tender of such Option Notice, as may be applicable, that Lessee wishes to exercise the Option. The Option period shall commence as of the Execution Date of the Lease and continue in effect for five years, unless the Lease is surrendered earlier. Any lease granted by Lessor to a party other than Lessee in violation of the foregoing Option shall be null and void. To the extent that Lessee fails to exercise its Option as to all or part of the Leasehold Premises identified in an Option Notice, then such portion(s) of the Leasehold Premises shall be released from the Lease.

The Lease further provides that Lessee has the option to extend the Primary Term of the Lease for a period of three (3) years. Should this option be exercised, it shall be considered for all purposes as though the Lease originally provided for a Primary Term consisting of eight (8) years. In the event the Lease is being maintained by any other Lease provision(s) at the expiration of the original Primary Term, Lessee shall have a period of sixty (60) days from the date the Lease ceases to be so maintained within which to exercise this option.

Any capitalized terms that are not defined herein shall have the meaning given to such terms in the Lease. In the event of a conflict between any of the terms and conditions contained in this Memorandum and the terms and conditions contained in the Lease, the terms and provisions contained in the Lease shall be controlling.

IN WITNESS WHEREOF, the parties hereto have caused this Memorandum of Oil and Gas Lease to be executed on December 2, 2016.

LESSOR(S):

7/1 / 4/

By: Rhonda G. Powell

LESSEE:

CARRIZO (UTICA) LLC

By: Richard H. Smith, Vice President - Land

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	ACKNOWLI	EDGMENT
State of Ohio County of Overweel))SS:)	(Individual Acknowledgement)
The foregoing instrumen Michael S. Powell and Rhonda G.	t was acknowledge Powell.	d before me this 2 day of December, 2016 by
IN WITNESS WHEREOF I here Notary Public My Commission Expires:	half	DENISE BURKHARD NOTARY PUBLIC STATE OF OHIO My Comm. Expires January 13, 201
CC	ORPORATE ACK	NOWLEDGEMENT
STATE OF TEXAS COUNTY OF HARRIS))SS)	
The foregoing instrume 2016 by Richard H. Smith, Vic behalf of the corporation.	ent was acknowledg e President – Land	ged before me this <u>b</u> day of <u>December</u> of Carrizo (Utica), LLC a Delaware corporation, or
IN WITNESS WHEREOF, I her		and official seal.
Notary Public My Commission Expires:	pli.	DARLA K. WISHKOSKI
My Commission Expires:	36.30	My Notary ID # 128862060 Expires January 26, 2020

PREPARED BY: BETA Land Services, LLC

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STATE OF OHIO

COUNTY OF GUERNSEY

ASSIGNMENT, BILL OF SALE AND CONVEYANCE

This ASSIGNMENT, BILL OF SALE AND CONVEYANCE (this "Assignment"), effective as of 12:01 a.m. (Eastern Time) on April 1, 2017 (the "Effective Time"), is by and among Carrizo Oil & Gas, Inc., a Texas corporation ("Carrizo"), and Carrizo (Utica) LLC, a Delaware limited liability company whose address is 500 Dallas, Suite 2300, Houston, Texas 77002 ("Carrizo Utica," and together with Carrizo, "Assignor"), and Ascent Resources – Utica, LLC, an Oklahoma limited liability company whose address is 3501 NW 63rd St., Oklahoma City, Oklahoma 73116 ("Assignee"). Assignor and Assignee are referred to herein collectively as the "Parties" and individually as a "Party".

WHEREAS, Assignor and Assignee entered into that certain Purchase and Sale Agreement dated August 31, 2017 (as the same may be amended in writing from time to time by the Parties, the "Purchase Agreement").

WHEREAS, subject to the terms and upon the conditions of the Purchase Agreement, Assignor is obligated at Closing to assign to Assignee, and Assignee is obligated at Closing to receive from Assignor, all of Assignor's right, title and interest in and to the assets described below in accordance with the terms hereof and those of the Purchase Agreement.

NOW THEREFORE, in consideration of the mutual promises contained herein and in the Purchase Agreement, ten dollars (\$10.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor and Assignee hereby agree as follows:

ARTICLE 1 ASSIGNMENT

1.1 Assignment. Subject to the terms and upon the conditions of this Assignment, Assignor hereby SELLS, ASSIGNS, TRANSFERS, GRANTS, BARGAINS, SETS OVER, DELIVERS AND CONVEYS to Assignee, and Assignee hereby acquires, all of Assignor's right, title, and interest in and to the following assets (such interests and properties described in

EXHIBIT 5

- 1.2 this Section 1.1. but specifically excluding the Excluded Assets, are collectively referred to herein as the "Assets"):
 - (a) the oil and gas leases, more particularly described in <u>Exhibit A-2</u> attached hereto (collectively, the "Leases"), together with any and all other rights, titles and interests of Assignor in and to (i) the leasehold estates created thereby and (ii) the lands covered by the Leases whether or not included in units with which the Leases may have been pooled or unitized (the "Lands"), including in each case, fee interests, royalty interests, overriding royalty interests, production payments, net profits interests, carried interests, reversionary interests and all other interests of any kind or character;
 - (b) all oil, gas, disposal, water and monitoring wells located on the Leases and the Lands or on other leases or lands with which the Leases or the Lands may have been pooled or unitized including those described in Exhibit A-3, attached hereto (such wells described on Exhibit A-3, the "Wells") and Exhibit A-4, attached hereto (such wells described in Exhibit A-4, the "Shallow Wells and Uncompleted Wells"), and all Hydrocarbons produced therefrom or allocated thereto (the Leases, the Lands, the Fee Interests, the Wells and the Shallow Wells and Uncompleted Wells, being collectively referred to hereinafter as the "Properties");
 - (c) all rights and interests in, under or derived from all unitization and pooling agreements in effect with respect to the Properties and the units created thereby which accrue or are attributable to the interests of Assignor in the Properties;
 - (d) subject to obtaining any Required Consents, all Applicable Contracts, but only with respect to rights and obligations arising thereunder from and after the Effective Time, except for rights relating to the Assumed Obligations;
 - (e) to the extent that they may be assigned, all permits, licenses, servitudes, easements, rights-of-way, options to acquire easements or rights-of-way, and other surface agreements (including those set forth on Exhibit B attached hereto) to the extent used in connection with the ownership or operation of the Properties or the Personal Property (the "Easements");
 - (f) all equipment, machinery, fixtures, and other real, personal and mixed property, operational and nonoperational, known or unknown, located on the Properties or the other Assets described above or used or held for use primarily in connection with the Properties or other Assets described above, including well equipment, casing, rods, tanks, boilers, buildings, tubing, pumps, motors, fixtures, machinery, compression equipment, flow lines, pipelines, gathering systems, processing and separation facilities, structures, materials and other items used or held for use primarily in the operation or maintenance thereof ("Personal Property");
 - (g) all Imbalances relating to the Properties or other Assets;

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- (h) all geophysical and other seismic and related technical data and information relating to the Assets, excluding any proprietary geologic and geophysical interpretations, to the extent such data and information may be assigned without expenditures beyond tape copying costs and expenses unless Assignee has paid such expenditures and entered into a license agreement with the Third Party licensor, and subject to obtaining any required consents of Third Parties (with respect to which consents Assignor shall use commercially reasonable efforts to obtain) (collectively, the "Seismic Data and Information");
- (i) all of the rights, titles and interests of Assignor in and to all of the files, records, information and data, whether written or electronically stored, to the extent relating to the Assets, including: (i) land and title records (including abstracts of title, title opinions and title curative documents); (ii) contract files; (iii) correspondence; (iv) log books and Operating Data; and (v) facility and well records ("Records"), which Records will be provided to Assignee in electronic form, in their current form and format, if so maintained by Assignor and otherwise in paper form, and, if in paper form, all original paper copies of which Records will be provided to Assignee; provided, however, that Assignor shall have the right to retain copies of any or all such Records, and provided further, that Records shall not include any of the foregoing to the extent a transfer or disclosure would be restricted by obligations of confidentiality or requires the consent of any Third Party which has not been obtained (with respect to which waivers of confidentiality and consents Assignor shall use commercially reasonable efforts to obtain) or to the extent that such information is privileged;
- (j) any rights, claims and causes of action arising under or with respect to any Asset and all proceeds arising from such claims and causes of action, including any settlements thereof, to the extent such claims, causes of action and proceeds are attributable to the period after the Effective Time or that relate to an Assumed Obligation;
- (k) all audit rights arising under any of the Applicable Contracts or otherwise with respect to any period after the Effective Time pertaining to any of the Assets or that relate to an Assumed Obligation and, in each case, that do not relate to any Retained Obligations; and
- (l) any amounts held in suspense by any Third Party that are owing to Assignor in respect of oil, gas or other Hydrocarbons produced on or after the Effective Date and pertaining to any of the Assets

It is the intent of Assignor to convey and this Assignment hereby conveys to Assignee, subject to the reservations and conditions herein contained, from and after the Effective Time, Assignor's interest in the Assets, regardless of errors in description, any incorrect or misspelled names, or any mistranscribed or incorrect recording references, or errantly omitted wells.

TO HAVE AND TO HOLD the Assets unto Assignee and its successors and assigns forever, subject, however, to all of the terms and conditions of this Assignment.

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1.3 <u>Excluded Assets and Reservations</u>. The Assets shall not include, and Assignor hereby reserves and retains, the Excluded Assets together with all obligations and liabilities associated therewith.

ARTICLE 2 SPECIAL WARRANTY OF TITLE; DISCLAIMERS

- 2.1 Special Warranty of Title. ASSIGNOR WARRANTS TO ASSIGNEE DEFENSIBLE TITLE TO THE LEASES AND OTHER ASSETS AGAINST EVERY PERSON WHOMSOEVER LAWFULLY CLAIMING THE SAME OR ANY PART THEREOF BY, THROUGH OR UNDER ASSIGNOR, BUT NOT OTHERWISE, SUBJECT, HOWEVER, TO THE PERMITTED ENCUMBRANCES.
- 2.2 <u>Subrogation</u>. Assignor assigns and grants to Assignee all rights, claims and causes of action under title or other warranties given or made by Assignor's predecessors in interest (other than any Affiliates of Assignor) with respect to the Assets, and Assignee is specifically subrogated to all rights which Assignor may have against such predecessors in interest with respect to the Assets, to the extent Assignor may legally transfer such rights and grant such subrogation.

2.3 DISCLAIMERS.

- (a) EXCEPT AS AND TO THE EXTENT EXPRESSLY SET FORTH IN ARTICLE IV OF THE PURCHASE AGREEMENT, IN ASSIGNOR'S CERTIFICATE DELIVERED PURSUANT TO SECTION 8.3(b/si) OF THE PURCHASE AGREEMENT, OR THE SPECIAL WARRANTIES OF TITLE IN SECTION 2.1, BUT SUBJECT AT ALL TIMES TO THE LIMITATIONS ON ASSIGNOR'S LIABILITY SET FORTH IN SECTION 12.4 OF THE PURCHASE AGREEMENT AND THE OTHER PROVISIONS OF THE PURCHASE AGREEMENT LIMITING ASSIGNOR'S LIABILITY, (I) ASSIGNOR MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS, STATUTORY OR IMPLIED, AND (II) ASSIGNOR EXPRESSLY DISCLAIMS ALL LIABILITY AND RESPONSIBILITY FOR ANY REPRESENTATION, WARRANTY, STATEMENT OR INFORMATION MADE OR COMMUNICATED (ORALLY OR IN WRITING) TO ASSIGNEE OR ANY OF ITS AFFILIATES, EMPLOYEES, AGENTS, CONSULTANTS OR REPRESENTATIVES (INCLUDING ANY OPINION, INFORMATION, PROJECTION OR ADVICE THAT MAY HAVE BEEN PROVIDED TO ASSIGNEE BY ANY OF ASSIGNOR'S REPRESENTATIVES AND INCLUDING WITH RESPECT TO THE SEISMIC DATA AND INFORMATION).
- (b) EXCEPT (1) AS EXPRESSLY REPRESENTED OTHERWISE IN ARTICLE IV OF THE PURCHASE AGREEMENT OR ASSIGNOR'S CERTIFICATE DELIVERED PURSUANT TO SECTION 8.3(b)(i) OF THE PURCHASE AGREEMENT, BUT SUBJECT AT ALL TIMES TO THE LIMITATIONS ON ASSIGNOR'S LIABILITY SET FORTH IN SECTION 12.4 OF THE PURCHASE AGREEMENT AND THE OTHER PROVISIONS OF THE PURCHASE AGREEMENT LIMITING ASSIGNOR'S LIABILITY, AND (2) FOR THE SPECIAL WARRANTIES OF TITLE IN SECTION 2.1, AND WITHOUT

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LIMITING THE GENERALITY OF THE FOREGOING, ASSIGNOR EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY, EXPRESS, STATUTORY OR IMPLIED, AS TO (I) TITLE TO, OR LIENS OR ENCUMBRANCES UPON, ANY OF THE ASSETS, (II) THE CONTENTS, CHARACTER OR NATURE OF ANY REPORT OF ANY PETROLEUM ENGINEERING CONSULTANT, OR ANY ENGINEERING, GEOLOGICAL OR SEISMIC DATA OR INTERPRETATION, INCLUDING THE SEISMIC DATA AND INFORMATION, RELATING TO THE ASSETS, (III) THE QUANTITY, QUALITY OR RECOVERABILITY OF HYDROCARBONS IN OR FROM THE ASSETS, (IV) ANY ESTIMATES OF THE VALUE OF THE ASSETS OR FUTURE REVENUES GENERATED BY THE ASSETS, (V) THE PRODUCTION OF HYDROCARBONS FROM THE ASSETS, (VI) THE MAINTENANCE, REPAIR, CONDITION, QUALITY, SUITABILITY, DESIGN OR MARKETABILITY OF THE ASSETS, (VII) THE CONTENT, CHARACTER OR NATURE OF ANY INFORMATION MEMORANDUM, REPORTS, BROCHURES, CHARTS OR STATEMENTS (INCLUDING FINANCIAL STATEMENTS) PREPARED BY ASSIGNOR OR THIRD PARTIES WITH RESPECT TO THE ASSETS, (VIII) ANY OTHER MATERIALS OR INFORMATION THAT MAY HAVE BEEN MADE AVAILABLE TO ASSIGNEE OR ITS AFFILIATES, OR ITS OR THEIR EMPLOYEES, AGENTS, CONSULTANTS, REPRESENTATIVES OR ADVISORS IN CONNECTION WITH THE TRANSACTIONS CONTEMPLATED BY THE PURCHASE AGREEMENT OR ANY DISCUSSION OR PRESENTATION RELATING THERETO AND (IX) ANY IMPLIED OR EXPRESS WARRANTY OF FREEDOM FROM PATENT OR TRADEMARK INFRINGEMENT.

EXCEPT (1) AS EXPRESSLY REPRESENTED OTHERWISE IN (c) ARTICLE IV OF THE PURCHASE AGREEMENT OR ASSIGNOR'S CERTIFICATE DELIVERED PURSUANT TO SECTION 8.3(b)(i) OF THE PURCHASE AGREEMENT, BUT SUBJECT AT ALL TIMES TO THE LIMITATIONS ON ASSIGNOR'S LIABILITY SET FORTH IN SECTION 12.4 OF THE PURCHASE AGREEMENT AND THE OTHER PROVISIONS OF THE PURCHASE AGREEMENT LIMITING ASSIGNOR'S LIABILITY, AND (2) FOR THE SPECIAL WARRANTIES OF TITLE IN SECTION 2.1, ASSIGNOR DISCLAIMS ANY REPRESENTATION OR WARRANTY, EXPRESS, STATUTORY OR IMPLIED, OF MERCHANTABILITY, FREEDOM FROM LATENT VICES OR DEFECTS, FITNESS FOR A PARTICULAR PURPOSE OR CONFORMITY TO MODELS OR SAMPLES OF MATERIALS OF ANY ASSETS, RIGHTS OF A PURCHASER UNDER APPROPRIATE STATUTES TO CLAIM DIMINUTION OF CONSIDERATION OR RETURN OF THE PURCHASE PRICE, IT BEING EXPRESSLY UNDERSTOOD AND AGREED BY THE PARTIES HERETO THAT, SUBJECT TO ASSIGNEE'S RIGHTS UNDER (I) SECTION 12.2(A) OF THE PURCHASE AGREEMENT DUE SOLELY TO A BREACH OF SECTION 4.16 OF THE PURCHASE AGREEMENT AND (II) SECTION 12.2(C) OF THE PURCHASE AGREEMENT, AND EXCEPT FOR ASSIGNEE'S RIGHT IN THE EVENT OF A BREACH OF THE SPECIAL WARRANTIES OF TITLE IN SECTION 2.1, ASSIGNEE SHALL BE DEEMED TO BE OBTAINING THE ASSETS, INCLUDING THE SEISMIC DATA AND INFORMATION, IN THEIR PRESENT STATUS, CONDITION AND STATE OF REPAIR, "AS IS" AND "WHERE IS" WITH ALL FAULTS OR DEFECTS

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(KNOWN OR UNKNOWN, LATENT, DISCOVERABLE OR UNDISCOVERABLE), AND THAT ASSIGNEE HAS MADE OR CAUSED TO BE MADE SUCH INSPECTIONS OF THE ASSETS, INCLUDING THE SEISMIC DATA AND INFORMATION, AS ASSIGNEE DEEMS APPROPRIATE.

OTHER THAN THOSE REPRESENTATIONS SET FORTH IN SECTION 4.16 OF THE PURCHASE AGREEMENT, ASSIGNOR HAS NOT AND WILL NOT MAKE ANY REPRESENTATION OR WARRANTY REGARDING ANY MATTER OR CIRCUMSTANCE RELATING TO ENVIRONMENTAL LAWS, THE RELEASE OF MATERIALS INTO THE ENVIRONMENT OR THE PROTECTION OF HUMAN HEALTH, SAFETY, NATURAL RESOURCES OR THE ENVIRONMENT, OR ANY OTHER ENVIRONMENTAL CONDITION OF THE ASSETS, AND NOTHING IN THIS ASSIGNMENT, THE PURCHASE AGREEMENT OR OTHERWISE SHALL BE CONSTRUED AS SUCH A REPRESENTATION OR WARRANTY, AND SUBJECT TO ASSIGNEE'S RIGHTS UNDER SECTION 12.2 OF THE PURCHASE AGREEMENT, ASSIGNEE SHALL BE DEEMED TO BE TAKING THE ASSETS "AS IS" AND "WHERE IS" WITH ALL FAULTS FOR PURPOSES OF THEIR ENVIRONMENTAL CONDITION AND THAT ASSIGNEE HAS MADE OR CAUSED TO BE MADE SUCH ENVIRONMENTAL INSPECTIONS AS ASSIGNEE DEEMS APPROPRIATE. INCLUSION OF ANY INFORMATION ON THE DISCLOSURE SCHEDULE SHALL NOT BE DEEMED TO BE AN ADMISSION OR ACKNOWLEDGMENT, IN AND OF ITSELF, THAT SUCH INFORMATION IS REQUIRED BY THE TERMS HEREOF TO BE DISCLOSED, IS MATERIAL TO ASSIGNOR, IS OUTSIDE THE ORDINARY COURSE OF BUSINESS INSISTENT WITH PAST PRACTICE, OR IS OTHERWISE REQUIRED TO BE INCLUDED ON SUCH SCHEDULE.

ASSIGNOR AND ASSIGNEE AGREE THAT, TO THE EXTENT REQUIRED BY APPLICABLE LAW TO BE EFFECTIVE, THE DISCLAIMERS OF CERTAIN REPRESENTATIONS AND WARRANTIES CONTAINED IN THIS SECTION 2.3 ARE "CONSPICUOUS" DISCLAIMERS FOR THE PURPOSE OF ANY APPLICABLE LAW.

ARTICLE 3 ASSUMED LIABILITIES

3.1 <u>Assumed Obligations</u>. Without limiting Assignee's rights to defense and indemnity and to be held harmless under Article 12 of the Purchase Agreement, and subject to the other limitations set forth in the Purchase Agreement, effective as of the Effective Time, Assignee hereby assumes and agrees to fulfill, perform, pay and discharge (or cause to be fulfilled, performed, paid or discharged) all of the Assumed Obligations (but excluding the Retained Obligations, all of which are retained by Assignor).

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ARTICLE 4 DEFINED TERMS

4.1 <u>Defined Terms</u>. Capitalized terms used herein and not otherwise defined in this Section 4.1 or otherwise throughout this Assignment shall have the meanings given such terms in the Purchase Agreement. The following terms, as used herein, shall have the meanings set forth below:

"Applicable Contracts" means all Contracts by which the Properties and other Assets are bound or that primarily relate to the Properties or other Assets and (in each case) that will be binding on the Assets or Assignee after the Closing, including surface use agreements; farmin and farmout agreements; bottom hole agreements; crude oil, condensate and natural gas purchase and sale, gathering, transportation and marketing agreements; hydrocarbon storage agreements; acreage contribution agreements; operating agreements; balancing agreements; pooling declarations or agreements; unitization agreements; processing agreements; saltwater disposal agreements; water use and withdrawal agreements; facilities or equipment leases; crossing agreements; letters of no objection; production handling agreements; frac pond agreements; and other similar contracts and agreements, except for any master services agreements and Contracts relating to or constituting Excluded Assets

"Contract" means any written contract, agreement, agreement regarding indebtedness, indenture, debenture, note, bond, loan, lease, mortgage, franchise, license agreement, purchase order, binding bid, commitment, letter of credit or any other legally binding arrangement, excluding, however, any Lease, contract or agreement relating to Seismic Data and Information, easement, right-of-way, permit or other instrument creating or evidencing an interest in the Assets or a real or immovable property related to or used in connection with the operations of any Assets.

"Excluded Assets" means (a) all of Assignor's corporate minute books, financial records and other business records that relate to Assignor's business generally other than those directly related to the ownership and operation of the Assets and Assignor's accounting records (other than Operating Data); (b) all trade credits, all accounts, receivables and all other proceeds, income or revenues attributable to the Assets with respect to any period of time prior to the Effective Time; (c) all claims and causes of action of Assignor arising under or with respect to any Contracts that are attributable to periods of time prior to the Effective Time (including claims for adjustments or refunds), except to the extent relating to an Assumed Obligation; (d) all rights and interests of Assignor (A) under any policy or agreement of insurance or indemnity, (B) under any bond or (C) to any insurance or condemnation proceeds or awards arising, in each case, from acts, omissions or events, or damage to or destruction of property prior to the Effective Time, in each case, except as otherwise provided in Section 10.3 of the Purchase Agreement or to the extent relating to an Assumed Obligation; (e) proceeds of all Hydrocarbons produced and sold from the Properties with respect to all periods prior to the Effective Time; (f) all claims of Assignor for refunds of or loss carry forwards with respect to (A) Taxes for which Assignor is responsible pursuant to Section 14.1(b) of the Purchase Agreement, (B) income or franchise

Taxes or (C) any Taxes attributable to the Excluded Assets; (g) all of Assignor's proprietary computer software, patents, trade secrets, copyrights, names, trademarks and logos and all other intellectual property of any kind, excluding Seismic Data and Information; (h) all documents and instruments of Assignor that are protected by an attorney-client privilege or that are work product of Assignor's counsel (other than title opinions); (i) all data that cannot be disclosed to Assignee as a result of confidentiality arrangements under agreements with Third Parties; provided that (except with respect to all Seismic Data and Information) Assignor shall use its commercially reasonable efforts to obtain a waiver of such restrictions in order to permit disclosure to Assignee; (j) all Seismic Data and Information relating to the Assets that requires Third Party consent for transfer to Assignee if such consent is not obtained or obtainable without the payment of any funds that have not been paid by Assignee, and all Contracts relating to Seismic Data and Information are set forth on Schedule 1 attached hereto; (k) all proprietary geologic and geophysical interpretations of Seismic Data and Information; (I) engineering data and reports that are not Operating Data, including reports prepared by Third Party engineers; (m) all audit rights arising under any of the Applicable Contracts or otherwise with respect to any period prior to the Effective Time or to any of the Excluded Assets, except for any Imbalances and except to the extent relating to an Assumed Obligation; (n) all other rights and obligations arising under the Applicable Contracts prior to the Effective Time (except to the extent relating to an Assumed Obligation); (o) documents prepared or received by Assignor with respect to (A) lists of prospective purchasers for transactions compiled by Assignor, (B) bids submitted by other prospective purchasers of the Assets, (C) analyses by Assignor of any bids submitted by any prospective purchaser, (D) correspondence between or among Assignor, its representatives and any prospective purchaser and (E) correspondence between Assignor or any of its representatives with respect to any of the bids, the prospective purchasers or the transactions contemplated in the Purchase Agreement; (p) any offices, office leases or personal property not directly related to any one or more of the Assets (for example, trucks and computers); (q) all reserve estimates and economic estimates; (r) [reserved]; (s) duplicate copies of all log books and other Operating Data, provided that, for clarity, originals (if available) or copies of the foregoing are part of the Assets and shall be transferred to Assignee; (t) any Assets that are retained by Assignor pursuant to Section 10.2(c) of the Purchase Agreement, Section 10.3(b) of the Purchase Agreement, Section 10.4 of the Purchase Agreement or Section 11.1(b) of the Purchase Agreement; (u) any Assets which are excluded from the transaction contemplated by the Purchase Agreement by virtue of any provisions hereof; (v) Assignor's bonds, permits and licenses or other permits, licenses or authorizations; (w) all trade credits, account receivables, note receivables, take or pay amounts receivable and other receivables attributable to the Assets with respect to any period of time prior to the Effective Time (except to the extent relating to an Assumed Obligation); (x) receivables, notes receivable and other obligations due from Affiliates including, for the avoidance of doubt, ACP III Utica LLC, with respect to periods prior to the Closing; (y) all production, proceeds, income, receipts and credits to which Assignor is entitled under Section 2.4 of the Purchase Agreement, except to the extent relating to an Assumed Obligation; (z) originals of all records that are not related to the Assets; (aa) all abandoned and unclaimed property reportable under any state or local unclaimed property, escheat or similar Law where such property relates to or arose under periods prior to the Effective Time; (bb) all assets set forth in Schedule 1 attached hereto; (cc) all Contracts evidencing indebtedness for borrowed money,

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deferred payment of purchase price, or a carry obligation, including any note, indenture, mortgage, security interests, loan credit agreement, financing lease, or any guaranty, endorsement, assumption or other contingent obligation in respect of indebtedness of others; and (dd) all Contracts to which a Assignor is a party with respect to any swap, forward, future or derivative transaction or option or similar agreement, whether exchange traded, "over-the-counter" or otherwise, involving, or settled by reference to, one or more rates, currencies, commodities, equity or debt instruments or securities, or economic, financial or pricing indices or measures of economic, financial or pricing risk or value or any similar transaction or any combination of these transactions.

"Hydrocarbons" means oil and gas and other hydrocarbons produced or processed in association therewith, including all crude oils, condensates, natural gas liquids, and gaseous hydrocarbons, and any combination or constituents thereof or extracted therefrom.

ARTICLE 5 MISCELLANEOUS

- 5.1 <u>Purchase Agreement</u>. This Assignment is subject to, in all respects, the terms and conditions of the Purchase Agreement, and nothing contained herein is meant to enlarge, diminish or otherwise alter the terms and conditions of the Purchase Agreement or the Parties' duties and obligations contained therein. To the extent there is a conflict between this Assignment and the Purchase Agreement, the terms of the Purchase Agreement will control.
- 5.2 <u>Further Assurances</u>. Each Party hereby agrees to execute, acknowledge and deliver to the other Party, from time to time, such other and additional instruments, notices, division orders, transfer orders and other documents, and to do all such other and further acts and things as may be reasonably necessary to more fully and effectively carry out this Assignment and the transactions contemplated hereby, including the execution and delivery of any corrective amendments to this Assignment.
- Governmental Form Assignments. Assignor and Assignee may execute separate governmental form assignments of the Assets, if required by applicable Law, on officially approved forms in sufficient counterparts to satisfy applicable statutory and regulatory requirements. Any such separate assignments (a) shall evidence this Assignment and assignment of the applicable Assets herein made and shall not constitute any additional assignment of the Assets, (b) are not intended to modify, and shall not modify, any of the terms, covenants and conditions or limitations on warranties set forth in this Assignment or the Purchase Agreement and are not intended to create, and shall not create, any additional representations, warranties or covenants of or by Assignor or Assignee, and (c) shall be deemed to contain all of the terms and provisions of this Assignment, as fully and to all intents and purposes as though the same were set forth at length in such separate assignments.
- 5.4 <u>Recording</u>. Unless provided otherwise, all recording references in the Exhibits hereto are to the official real property records of the county in which the respective Asset is located.

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- 5.5 Exhibits. All Exhibits and Schedules attached to this Assignment constitute a part of this Assignment. References in this Assignment to articles, sections, exhibits and schedules are to articles, sections, exhibits and schedules of this Assignment unless otherwise specified.
- 5.6 <u>Amendments</u>. This Assignment may be amended only by an instrument in writing executed by both Parties. Any of the terms, covenants, representations, warranties or conditions hereof may be waived only by a written instrument executed by or on behalf of the party hereto waiving compliance.
- 5.7 <u>Counterpart Signatures</u>. This Assignment may be executed and delivered in one or more counterparts, each of which when executed and delivered shall be an original, and all of which when executed shall constitute one and the same instrument. To facilitate recordation, there are omitted from the Exhibits to this Assignment in certain counterparts descriptions of the Assets located in recording jurisdictions other than the jurisdiction in which the counterpart is to be filed or recorded. A complete copy of this Assignment, including all of the Exhibits, may be found at the offices of Assignee as set forth in the preamble hereto.
- 5.8 Severability. If any term or other provision of this Assignment is invalid, illegal or incapable of being enforced by any rule of law or public policy, all other conditions and provisions of this Assignment shall nevertheless remain in full force and effect. Upon the determination that any term or provision is invalid, illegal or incapable of being enforced, the parties hereto shall negotiate in good faith to modify this Assignment so as to effect the original intent of the parties as closely as possible in an acceptable manner to the end that the transactions contemplated hereby are fulfilled to the extent possible.
- 5.9 <u>Successors and Assigns</u>. The terms and provisions of this Assignment shall be binding upon and inure to the benefit of Assignor and Assignee and their respective legal representatives, successors and assigns.
- 5.10 Governing Law. This Assignment and the legal relations among the parties shall be governed and construed in accordance with the laws of the State of Texas (except that, with respect to issues relating to real property for Assets located in the State of Ohio, the laws of the State of Ohio shall govern solely to such extent), excluding any conflicts of law rule or principle that might refer construction of such provisions to the laws of another jurisdiction.

[Signature Page Follows.]

Instrument 201700006694 OR Book Page 552 1185

This Assignment is executed as of the date of the Parties' acknowledgments set forth below, but effective for all purposes as of the Effective Time.

ASSIGNOR:

CARRIZO OIL & GAS, INC.

By: Gerald A. Morton

Vice President of Business Development

STATE OF TEXAS

COUNTY OF HARRIS

This instrument was acknowledged before me on November 15th, 2017, by Gerald A. Morton, as Vice President of Business Development, of Carrizo Oil & Gas, Inc., a Texas corporation, on behalf of said corporation.

ANNA THERESA YORK tory Public, Stote of Ter July 15, 2018

Notary Public

Printed Name: Anna T. York My Commission Expires: 07/15

Commission No.:

12988552-4

Instrument Book Pase 201700006694 OR 552 1186

ASSIGNOR:

CARRIZO (UTICA) LLC

By:

Vice President of Business Development

STATE OF TEXAS

8

COUNTY OF HARRIS

This instrument was acknowledged before me on November 5 2017, by Gerald A. Morton as Vice President of Business Development of Carrizo (Utica) LLC, a Delaware limited liability company, on behalf of said limited liability company.

ANNA THERESA YORK
Notary Public, State of Texas
My Commission Expites
July 15, 2818

Notary Public Printed Name:

My Commission Expires: 0715 2018

Commission No.:

12988552-4

Instrument 201700006694 OR Book Pase 552 1187

ASSIGNEE:	Е:
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ASCENT RESOURCES - UTICA, LLC

By: Name: Title: ef Executive Officer

STATE OF Oklahoma COUNTY OF Oklahoma

This instrument was acknowledged before me on November 15, 2017, by of Ascent Resources - Utica, LLC, an Oklahoma limited liability CEO company, on behalf of said limited liability company.

(SEAL)



Printed Name: Fara F. Mettler

My Commission Expires: December 11, 2018

Commission No.:

14011019

Prepared By Awhen Recorded Return to: Ascent Resources - Utica, LLC 350+ NW G3rd Street OKlahoma, OK 73110 Attn: Heath Robinson

Instrument Book Pas 201700006694 OR 552 118

Exhibit A-2

Leases

See attached.

No marginal notation regarded.

222 A

Michael Brewster

Frost Brown Todd LLC

Instrument Book Pase 201709066694 OR 552 1189

Exhibit A-2

LEASES - Guernsey County Attached to and made part of that certain Assignment, Bill of Sale and Conveyance between Carrizo, Carrizo Utica and Ascent dated effective 4/1/2017.

LEASE NUMBER	LESSOR	LESSEE	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCELLO.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
OH01010011179-000	MARGIE A GRIMES ET AL	CARRIZO (UTICA) LLC	4/19/2017	011-N 004-N	007-W 001-W	34 11	Freeport Washington	09-0000008.000 09-0000229.000 40-0000091.000 40-0000092.000	Harrison Guernsey	ОН	246 546	2637 947	201700001187 201700002178
OH0101001004-000	KENNETH L BROWN JR ET UX	CARRIZO (UTICA) LLC	10/24/2011	004-N	001-W	14	Washington	40-0000043.001	Guernsey	OH	486	1483	201200001069
OH0101001011-000	ERNEST R BUTCHER ET UX	CARRIZO (UTICA) LLC	10/20/2011	004-N	001-W	17	Washington	40-0000033.000 40-0000035.000	Guernsey	ОН	487	2390	201200002183
OH0101001014-000	PAUL P MILLER IR ET UX	CARRIZO (UTICA) LLC	10/25/2011	004-N	001-W	14	Washington	40-0001751.001 40-0001751.000	Guernsey	ОН	487	2384	201200002180
OH0101001017-000	GREGORY STEARN IR ET UX	CARRIZO (UTICA) LLC	2/24/2012	001-N	001-W	12	Richland	31-0000212.000	Guernsey	OH	487	1086	201200001849
OH0101001018-000	JOHN C POTTS ET UX	CARRIZO (UTICA) LLC	4/4/2012	001-N	001-W	3, ML9	Richland	31-0000403.000 31-0002514.000 31-0000402.000		ОН	488	506	201200002630
ОН0101001019-000	HARRY A MERCHANT	CARRIZO (UTICA) LLC	4/4/2012	001-N	001-W	18, 23	Richland	31-0003004.000 31-0000022.000	Guernsey	OH	488	511	201200002632
OH0101001020-002	JOHN C POTTS ET UX	CARRIZO (UTICA) LLC	4/4/2012	001-N	001-W	3, 4, ML7, ML8	Richland	31-0002447,002 31-0000403,000 31-0002514,000 31-0001608,000 31-000082,000 31-0000404,000	Guernsey	ОН	488	502	2 0120000262 9
OH0101001020-003	MICHAEL G MUFFET IR ET UX	CARRIZO (UTICA) LLC	5/16/2012	001-N	001-W	; ML7	Richland	31-0000354.000 31-0000354.003	· Guarnsa	/ ОН	491	2160	201200006027
ÖH0101001020-004	CHARLES L BROWNING	CARRIZO (UTICA) LLC	5/14/2012	001-N	001-W	13	Fichland	31-0000159.000		A. A.M. A	492	152	201200006408
OH0101001020-005	MARK L POZUC ET UX	CARRIZO (UTICA) LLC	5/11/2012	001-N	001-W	13	Pichland	31-0000159.002			492	164 160	201200006414
OH0101001020-006	MYRON R SCHUMACHER ET	CARRIZO (UTICA) LLC	7/11/2012	001-N	001-W	13	Flichland	31-0000159.001	: Guerrise	Y: OH	492	100	;A)12UXXXD412

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Exhibit A-2 LEASES - Guernsey County and made part of that certain.

Attached to and made part of that certain Assignment, 8III of Sale and Conveyance between Carrizo, Carrizo Utica and Ascent dated effective 4/1/2017.

LEASE NUMBER	LESSOR	TEST	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCEL L.D.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
OHO101001028-007	EDDIE G POTTS ET UX	CARRIZO (UTICA) LLC	4/4/2012	001-N	.001-W	ML 22, 13, ML23, ML24, ML27, ML28, ML29	Richland	31-000416.000 31-000159.003 31-000017.000 31-0002318.000 31-0002318.000 31-000293.000 31-0000293.001 31-0000421.001 31-0000421.001 31-0000421.000 31-0000421.000	: :	OH	488	495	201200002627
OH0101001020-008	JEFFREY KENT JENKINS ET AL	:DML ENERGY LLC	10/30/2012	001-N	001-W	13, ML7	Richland	31-0000159.000 31-0000159.001 31-0000159.002 31-0000159.003 31-0000354.000 31-0000354.002 31-0000354.002	Guernsey	ОН	496 505	1720 1051	201200010608 201300005834
OH0101001020-009	KATHRYN TICE ET AL	CARRIZO (UTICA) LLC	1/4/2013	001-N	001-W	13, ML7	Richland	31-0000159.000 31-0000159.001 31-0000159.003 31-0000354.000 31-0000354.000 31-0000354.000	Guernsey	ОН	498	2478	201300000403

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> Instrument 31700006694 OR

Exhibit A-2

LEASES - Guernsey County

Attached to and made part of that certain Assignment, Bill of Sale and Conveyance between Carrizo, Carrizo Utica and Ascent dated effective 4/1/2017.

LEASE NUMBER	LESSOR	LESSEE	EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCELLD.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
								31-0000423.000			***		
H0101001021-000	KENNON JOSEPH POTTS ET UX	CARRIZO (UTICA) LLC	4/4/2012	001-N	001-W	ML 39, ML38, 1	Richland	31-0000422.000 44-0000155.001	Guernsey	OH .	488	515	201200002633
					,		3	31-0002758.000		: 1			
H0101001023-000	MARY R RECTOR ET AL	CARRIZO (UTICA) LLC	4/20/2012	001-N	001-W	13, ML8, ML7	Richland	31-0000311.000	Guernsey	ОН	489	579	201200003677
40101001012-000	MANI N NECTON ET AL	- tring to ray ac	4,14,141			,,		31-0000309.000 31-0002759.000					
		CARRIZO (UTICA) LLC	4/19/2012	004-N	001-W		Washington	40-0002/59.000	Guernsev	ОH	488	2100	201200003153
HD101001025-000 HD101001026-000	RODNEY L HINES	CARRIZO (UTICA) LLC	4/19/2012	004-N	001-W	14	Monroe	40-0000352.003		OH	488	2087	201200003148
UNITED TOTAL CONT.	Internation to suspense	i	्र अस्ति स्टब्स्ट)			1	40-0000353.005		"			
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HQ101001027-000	BRUNER LAND COMPANY INC	CARRIZO (UTICA) LLC	4/19/2012	004-N	001-W	14, 15	Washington		Guernsey	OH	488	2089	201200003149
							:	40-0000133.002	! }			<u>.</u>	
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		14		P1				40-0000133,001					
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								40-0000458.000					1
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						44.45	Washington	40-0000334,000		ОН	400	2079	201200003147
OH0101001028-000	CHARLES K CARTER	CARRIZO (UTICA) LLC	4/19/2012	004-N	001-W	14, 15	VVIISIMINGION	40-0000642.000	uuemsey	On.	900	20/5	201200003147
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								40-0000371.000					
							1	40-0000642.001	!				
		i						40-0000328.000	!			•	
				į			4	40-0000326-000		.;		:	
OH0101001029-000	RICKY D HINES ET UX	CARRIZO (UTICA) LLC	4/19/2012	004-N	001-W	14	Washington	40-0000352.004		OH	488	2102	201200003154
OH0101001030-000	ROBERT R HINES ET UX	CARRIZO (UTICA) LLC	4/19/2012	004-N	::001-W	: 14	Washington	40-0000352.002	Guernsey	OH	488	2098	201200003152

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Exhibit A-2

LEASES - Guernsey County Attached to and made part of that certain Assignment, Bill of Sale and Conveyance between Carrizo, Carrizo Utica and Ascent dated effective 4/1/2017.

<u>LEASE NUMBER</u>	LESSOR	LESSEE	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCEL LD.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
OHO101001031-000	ROBERT R HINES ET UX	CARRIZO (UTICA) LLC	4/19/2012	004-N	001-W	14, 15	Washington	40-0000353.000 40-0000133.000	Guernsey	ОН	488	2096	201200003151
OHO101001032-000	ROBERT G HINES ET UX	CARRIZO (UTICA) LLC	4/19/2012	004-N	001-W	14	Washington	40-0000352.000	Guernsey	OH	488	2094	201200003150
OH0101001033-000	HAROLD'S HECKMAN ET UX	CARRIZO (UTICA) LLC	4/20/2012	001-N	001-W	23	Richland	31-0000326.000	Guernsey	OH	489	79	201200003552
OHO101001034-000	ANTHONY I MOHOROVICH ET	CARRIZO (UTICA) LLC	4/4/2012	001-N	001-W	12	Richland	31-0002464.000	Guernsey	OH	489	3406	201200004477
OH0101001037-000	DAVID I ZACHARIAS ET UX	CARRIZO (UTICA) LLC	4/2/2012	001-N	001-W	8, 19	Richland	31-0000541.001 31-0000543.000	Guernsey	ОН	489	77	201200003551
0H0101001040-000	ELWIN R FISHER ET UX	CARRIZO (UTICA) LLC	3/24/2012	001-N	001-W	12	Richland	33-0000002.006	Guernsey	ОН	489	75	201200003550
DH0101001041-000	JEREMY D HALL ET UX	CARRIZO (UTICA) LLC	4/24/2012	001-N	001-W	12	Richland	33-0000002.012	Guernsey	ОН	489	67	201200003546
OHO101001042-000	JEREMY C ROE ET UX	CARRIZO (UTICA) LLC	3/23/2012	001-N	001-W	12	Richland	33-0000002.016	Guernsey	OH	489	69	201200003547
OH0101001044-000	PAULE MESSAC	CARRIZO (UTICA) LLC & ACP III UTICA	11/14/2012	001-N	001-W	2 -	Wills	44-0000133.016 44-0000133.017 44-0000133.018	Guernsey	ОН	497	1129	201200011340
OH0101001047-000	STANLEY KOLENDORSKI	CARRIZO (UTICA) LLC	3/13/2012	001-N	001-W	12	Richland	33-0000002.013 33-0000002.014 33-0000002.015	Guernsey	ОН	487	2386	201200002181
OH0101001049-000	PAUL A TROYER ET UX	CARRIZO (UTICA) LLC	5/24/2012	001-N	001-W	9, 13	Richland	31-0000543.001 33-0000005.001 31-0001682.001 33-0000005.010	Guernsey	ОН	490	3193	201200005430
OH0101001053-000	DANIEL R OSWALD ET UX	CARRIZO (UTICA) LLC	4/10/2012	001-N	001-W	13	Richland	31-0000159.004 31-0000454.010	Guernsey	ОН	489	69	201200003549
OH0101001063-000	NIGHT HAWK RESERVE LLC	CARRIZO (UTICA) LLC	7/13/2012	001-N	001-M	ML 29, ML 30	. Elchland	31-0000454.011 31-0000454.012	Guernsey	ОН	491	3125	201200006261
OH0101001068-000	MONIKA M WALKER	CARRIZO (UTICA) LLC	6/16/2012	001-N	001-W	ML 4, ML 5	Richland	31-0001697.000 31-0000046.003 31-0000086.003	Guentsey	ОН	491 549	917 216	201200005742 201700004184
OH0101001070-000	LOYAL WILSON ET AL	CARRIZO (UTICA) LLC	7/10/2012	001-N	002-W	10	Elchland	31-0002753.000	Guernsey	ОН	491	2152	201200006023
OH0101001071-000	CARL A DUCH	CARRIZO (UTICA) LLC	6/27/2012	001-N	001-W	ML 21, ML 22	Richland	31-0002960.000	Guernsey	ЮН	491	909	201200005739
OH0101001079-000	CURTIS P DORTON ET UX	CARRIZO (UTICA) LLC	7/17/2012	001-N	001-W	q	Richland	33-0000005.013	Guernsey	OH	491	3471	201200006361

LEASE NUMBER	LESSOR	LESSUE	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCEL LD.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
OH0101001082-000	DALE DVORAK ET UX	CARRIZO (UTICA) LLC	7/18/2012	001-N	001-W	3	Richland	31-0002978.005 31-0002978.006	Guernsey	ОН	491	3128	201200006262
OH0101001084-000	SENECAVILLE LAKE FARMS LLC	CARRIZO (UTICA) LLC	7/24/2012	001-N	001-W	ML 29, ML 30	Richland	31-0001697.001 31-0001697.002 31-0001697.004 31-0001287.000 31-0001287.000 31-0001281.000 31-0000454.008 31-0000454.000 31-0001697.007	Guernsey	OH	492	217	201200006436
OH0101001088-001	DONALD WAYNE DUCHE	CARRIZO (UTICA) LLC	4/28/2012	001-N	:001-W	3	Richland	31-0002445.000 31-0002513.001 31-0002513.000 31-0002446.000	Guernsey	ОН	492	343	201200006470
OHO101001088-002	EUZABETH ANN DUCHE LIVING TRUST	CARRIZO (UTICA) LLC	4/28/2012	001-N	001-W	3	Richland	31-0002445.000 31-0002513.001 31-0002513.000 31-0002446.000	Guernsey	ОН	492	200	201200006431
OH0101001089-000	DAVID J ARENDEC ET UX	CARRIZO (UTICA) LLC	5/31/2012	001-N	001-W	8, 13	Richland	31-0000543.010 31-0000541.002	Guernsey	ОН	492	144	201200006404
OH0101001090-000	JAMES D HOLLENBECK ET UX	CARRIZO (UTICA) LLC	8/3/2012	001-N	002-W	11, 12	Richland	91-0001521.000 31-0000031.000 31-0000032.000	Guernsey	ОН	493	450	201200007496
ОНО101001091-000	DANIEL J DUCHE ET UX	CARRIZO (UTICA) LLC	5/12/2012	D01-N	001-W	3	Richland	31-0002447.000 31-0000623.000	Guernsey	OH	492	178	201200006421
OH0101001094-000	RONALD E COBB ET UX	CARRIZO (UTICA) LLC	8/31/2012	001-N	001-W	ML21	Richland	31-0000624.000 31-0000625.000	Guernsey	ОН	493	1437	201200007777
ОН0101001095-000	EDWARD R WEEKLEY REV TRUST	CARRIZO (UTICA) ILC	5/24/2012	001-N	001-W	ML21	Richland	31-0000626.000 31-0000627.000	Guernsey	ОН	492	182	201200006423

<u>LEASE NUMBER</u>	LESSOR	LESSEE	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCELLD.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
OH0101001096-000	JACK A FOWLER JR ET UX	CARRIZO (UTICA) LLC	B/2/2012	001-N	001-W	ML 21	Richland	31-0000630.000 31-0000631.000	Guernsey	ОН	492	2811	201200007159
OH0101001097-000	DAVID LISCHULTICE	CARRIZO (UTICA) LLC	5/22/2012	001-N	001-W	ML 21	Richland	31-0000634.000	Guernsey	OH	492	142	201200006403
OHO101001098-000	HUBERT W MAY ET UX	CARRIZO (UTICA) LLC	5/22/2012	001-N	001-W	ML 21	Richland	31-0000628.000 31-0000629.000	Guernsey	ОН	492	190	201200006427
OHO101001100-000	NORMAN N REPASKY ET AL	ENDEAVOR ENERGY RESOURCES LP	10/4/2011	001-N	001-W	ML4, ML5	Richland	31-0000086.001 31-0000046.001	Guernsey	OH	486	1707	201200001108
OHO1010011000-000	BILL MARSH ET AL	CARRIZO (UTICA) LLC	10/1/2014	001-N	001-W	ML 10	Richland	31-0001787.000	Guernsey	QН	521	583	201400007615
0H01010011001-000	TAMERA A BUDYKA	CARRIZO (UTICA) LLC	7/25/2014	001-N	002-W	21	Richland	31-0001192.000	Guernsey	OH	519	1028	201400006147
OHO1010011002-000	BRENDA K SIMMS	CARRIZO (UTICA) LLC	8/21/2014	; Q04-N	001-W	1	Washington	40-0000461.000	Guernsey	OH	519	2013	201400006371
OH01010011003-000	THOMAS J MAITLAND JR	CARRIZO (UTICA) LLC	12/3/2014	011-N	007-W	20	Londonderry	20-0000763.000	Guernsey	OH	522	2857	201400008910
OH01010011004-000	LOUIS P SMITH ET UX	CARRIZO (UTICA) LLC	10/15/2014	011-N	007-W	31	Londonderry	20-0001391.000	Guernsey	OH	521	1983	201400007939
OH01010011005-000	1090 ENTERPRISES LLC	CARRIZO (UTICA) LLC	1/9/2015	011-N	007-W		Londonderry	20-0001969.000 20-0000724.000 20-0000725.000 20-0000726.000	Guernsey	ОH	523	2437	201500000230
OH01010011006-000	JOAN BOND	SWEPI LP	10/19/2011	011-N	007-W	26	Londonderry	20-0000727.000 20-0000728.000 20-0000729.000 20-0000730.000	Guernsay	OH	484	959	201100007883
VIII - 1 - 1 - 1				!			1	20-0000639.000	:				
OH01010011008-000	RONALD L ROBINSON ET UX	NORTH COAST ENERGY INC	8/12/2000	011-N	007-W	20, 21, 27	Londonderry	20-0000636.000	Guernsey	OH	253	983	200000005852
	1		traria.		į.		the same of	20-0001707.000	, 1	: }			
OH01010011009-000	CHARLES M LODGE ET AL	SKZ INC	5/12/1986	011-N	007-W	20, 21	Londonderry	20-0001356.000	Guernsey	, OH ,	102	644	
OH0101001101-00D	GARY BOARMAN	ENDEAVOR ENERGY	10/7/2011	001-N	001-W	18	Richland	31-0003005.005	Guernsey	ОН	485	1285	201200000047
OH01010011010-000	CARLE TAYLOR ET UX	DB SCHAFFER AND ASSOC	10/30/1980	011-N	007-W	20	Londonderry	20-0001163.000	Guernsey	ОН	87	898	
OH01010011011-000	CARL E TAYLOR ET UX	TOWNER PETROLEUM	12/29/1981	011-N	007-W	20	Londondarry	20-0001164-000	Guernsey	ОН	92	898 231	
OH01010011013-000	CARL E ROE ET UX	SWEPI LP	2/8/2012	001-N	001-W	2	Wills	44-0000133.005 44-0000133.006	Guernsey	ОН	487	907	201200001807
OH01010011014-001	DOUBLEDOWN LTD	CARRIEO (UTICA) LLC	9/5/2014	003-N	001-W	3	Madison	22-0000033.000	Guernany	OH	520	1858	201400007130

LEASES - Guernsey County

<u>Lease Number</u>	LESSOR	1ESSE	LEASE EFFECTIVE DATE	<u>TOWNSHIP</u>	RANGE	SECTION	TOWNSHIP NAME	TAX PARCEL I.D.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
OH01010011015-000	JEFFERY L CAPLES	CARRIZO (UTICA) LLC	9/19/2014	002-N	002-W	20	Wills	44-0001040.000 44-0001039.002	Guernsey	ОН	520	1606	201400007074
OH0101001102-000	HENRY BYLER ET UX	ENDEAVOR ENERGY RESOURCES	10/13/2011	001-N	001-W	8, 13	Richland	31-0000541.000 31-0000541.003 31-0000543.009	Guernsey	ОН	485 492	1258 59	201200000038 201200006385
OH01010011030-000 OH01010011031-000	DAVID W GLEGHORN ET UX	A W TIPKA OIL & GAS INC	7/7/1993 8/1/1989	004-N 004-N	001-W 001-W	1 3	Washington Washington	31-0000543.011 40-0000099.000 40-0000187.000	t	ОН	65 106	796 583	49833 22239
	RONALD G CUDDY ET UX	WILLIAM N TIPKA	2/28/1983	004-N	001-W	20	Washington	40-0000750.000 40-0000749.000	Guernsey		96	222	88341
OH01010011033-000	JAMES R MESSNER SR ET UX	WILLIAM M TIPKA	2/10/1985	004-N	001-W	20	Washington	40-0000156.000 40-0000156.001		ОН	100	179	98543
OH01010011034-000	DONALD I HALL ET UX	WILLIAM N TIPKA	7/21/1980	004-N 004-N	001-W 001-W	. 1 . 2	Washington Washington	40-0000111.000 40-0000461.000 40-0000460.000 40-0000017.000	Guernsey	ОН	87	518	74079
								40-000022.001 40-000022.006 40-000022.002 40-000022.005				!	
OH01010011035-000	: ERNA J TIPKA ET VIR	WILLIAM N TIPKA	9/12/1983	004-N	001-W	2	Washington	40-0000022.007 40-0000022.003 40-0000022.004 40-0000022.000	. Guernsey !	OH :	97	328	91043

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LEASES - Guernsey County

LEASE NUMBER	LESSOR	TEZZEE	LEASE EFFECTIVE DATE	<u>TOWNSHIP</u>	RANGE	SECTION	TOWNSHIP MAME	TAX PARCEL LD.	COUNTY	STATE	BOOK	PAGE	ENSTRUMENT NUMBER
								40-0000152.000 40-0000162.001 40-0000162.002					
			9		verse and the state of the			40-0000162.003 40-0000164.000					
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			1					40-0000164.007 40-0000164.008					
OH01010011036-000	LLOYD W LEESEBERG ET AL	WILLIAM N TIPKA	5/15/1981	004-N	001-W	1, 2, 9	Washington	40-0000164.009 40-0000164.010 40-0000164.011	Guernsey	ОН	90	253	78556
			,		718			40-0000164.012 40-0000165.000		i i		B F	er e
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					:			40-0000165.003	ř				
) ; ;	40-0000165.005 40-0000163.000					
								40-0000163.001	•				
							*	40-0000163.003 40-0000163.004 40-0000163.005		n i Sc			1
OH01010011038-000	CARL T EMERY ET UX	SHALE PLAY LAND SERVICES INC	10/10/2012	004-N 004-N	001-W 002-W	4 3	Washington	40-0000071.000 40-0000072.000	Guernsey	ОН	496	927	2012000010390

LEASE MIMBER	LESSOR	JESSEE	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCEL LD.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
ОН01010011039-000	ERNEST S SIMMONS ET UX	WILLIAM N TIPKA	2/10/1982	004-N	001-W	9	Washington	40-0000554.000 40-0000554.001 40-0000554.002 40-0000554.003 40-0000554.005 40-0000554.005	Guernsey	ОН	92	786	82537
OH0101001104-000	RALPH B LENT ET AL	CARRIZO (UTIÇA) LLC	7/11/2012	001-N	001-W	12	Richland	40-0000554.008 31-0000256.000 40-0000118.005 40-0000120.001 40-0000120.002 40-0000118.003	Guernsey	ОН	492	194	201200006429
OH01010011040-000	RONALD G HEFNER ET UX	WILLIAM N TIPKA	1/1/1981	004-N	001-W	1	Weshington	40-0000118.004 40-0000118.002 40-0000118.006 40-0000118.008 40-0000118.008	Guernsey	ОН	38	1015	
OH01010011041-001	DONALD K PETERSON ET UX	WILLIAM N TIPKA	9/2/1977	004-N	001-W	12	Wzshington	40-0000118.000 40-0000147.000 40-0000148.000	Guernsey	OH	80	18	56742
OH01010011042-000 OH01010011043-000 OH01010011044-000 OH01010011045-000	MENNO E 200K ET UX	SHALE PLAY LAND SIERRA BUCKEYE LLC SIERRA BUCKEYE LLC CARRIZO (UTICA) LLC	1/10/2013 11/17/2012 11/16/2012 9/16/2014		001-W 001-W 001-W 002-W	4 9 9	Washington Washington Washington Richland	40-0000155,000 40-0000554,006 40-0000554,001 34-0000016,000 34-0000044,000	Guernsey Guernsey	OH OH OH	498 498 500 520	3108 3108 2823 1601	201300000578 201300000578 201300002198 201400007072
OH01010011046-000	DEBRA K HONEYWELL	CARRIZO (UTICA) LLC	7/1/2014	001-N	: :002-W	9, 10	Richland	34-0000045.000 34-0000095.000 34-0000093.000		ОН	518	3331	201400005886
OH01010011047-000	ROBERT CAVANAUGH	CARRIZO (UTICA) LLC	10/1/2014	001-N	001-W	ML 10	Richland	31-0001942.000	Guernsey	ОН	521	1968	201400007932

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LEASE NUMBER	LESSOR	TECCEE	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCELLO.	COUNTY	STATE	BOOK	PAGE	INSTRUMEN NUMBER
OHD1010011048-000	MARION G ARON	WILLIAM N TIPKA	11/12/1979	004-N	001-W	3, 8	Washington	40-0000245.000 40-0000246.000	Guarnsey	ОН	85	914	
OH01010011049-000	JANET L BOND ET AL	WISHGARDILC	3/31/2011	011-N	007-W	20 , 26, 27	Londonderry	20-000048.000 20-000049.000 20-000050.000 20-0000706.000 20-000701.000 20-000702.000 20-000703.000 20-000704.000	Guernsay	OH	479	2200	201111113827
OH01010011050-001	MILORED M LAKE	GULFPORT ENERGY CORPORATION	4/12/2012	011-N	007-W	20	Londonderry	20-0000705.000 20-0000401.000 20-0001373.000	Guernsey	ОΗ	490	1970	201200005083
OH01010011050-002	MARK W LAKE	GULFPORT ENERGY CORPORATION	4/12/2012	011-N	007-W	20	Londonderry	20-0000401.000		ОН	490	1966	201200005081
OH01010011050-003	TERRY R LAKE	GULFPORT ENERGY CORPORATION	4/12/2012	011-N	007-W	20	Londonderry	20-0000401.000	Guernsey	ОН	490	195	201200005082
OH01010011051-000	SUSAN N NICHOLS	WISHGARD LLC	4/30/2011	011-N	007-W	20	Londonderry	20-0000402.000	Guernsey	OH	478	1595	201100002591
OH01010011052-000	TERRY R LAKE JR	WISHGARD LLC	5/31/2011	011-N	007-W	20	Londonderry	20-0000426.000	· Guerntew	,	479	1	201100003078
OH01010011053-000	LARRY A LAKE ET UX	WISHGARD LLC	5/31/2011	011-N	007-W	20	Londonderry	20-0000753.000 20-0000754.000	Guernsey	ОН	479	1815	201100003670
OH01010011054-000	MARK W LAKE	WISHGARD LLC	5/31/2011	011-N	007-W	20	Londonderry	20-0000751.000 20-0000752.000		ОН	478	3152	201100002987
OH01010011055-900	TERRY R LAKE ET UX	WISHGARD LLC	5/31/2011	011-N	007-W	20	Londonderry	20-000750.000 20-0000743.000 20-0000749.000 20-0000744.000 20-0000742.000	Guernsey	OH	478	314	0 201100002954

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LEASE NUMBER	LESSOR	LESSEE	LEASE EFFECTIVE DATE	TOWNSHIP	PANGE	<u>Section</u>	TOWNSHIP NAME	TAX PARCEL I.D.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
OH01010011056-000	HELEN LAKE	WISHGARD LLC	5/31/2011	011-N	007-W	20	Londonderry	20-0000757.000 20-0000758.000 20-0000759.000 20-0000760.000	Guernsey	ОН	478	3133	201100002979
OH01010011057-000	LUANN LAKE	WISHGARD LLC	5/31/2011	011-N	007-W	20	Londonderry	20-0000755.000 20-0000756.000	Guernsey	ОН	478	3135	201100002980
OH01010011058-000	EDGAR R DOWDY ET UX	WISHGARD LLC	6/30/2011	011-N	007-W	20	Londonderry	20-0000739.000 20-0000740.000	Guernsey	DH	478	3065	201100002945
OH01010011059-000	BRIAN D BANE ET UX	WISHGARD LLC	5/31/2011	011-N	007-W	20	Londonderry	20-0001445.002	Guernsey	OH	478	3083	201100002954
OH01010011060-000	DEANNA BOND	WISHGARD LLC	5/31/2011	011-N	007-W	20	Londonderry	20-0001446.000	Guernsey	, OH	479	. 71	201100009110
OH01010011061-000	TRUSTEES OF LONDONDERRY TOWNSHIP	WISHGARD LLC	5/31/2011	011-N	007-W	20	Londonderry	20-0000061,000 20-0001869,000	Guernsey	ОН	524	792	201100004118
OH01010011062-000	CORY A CUNNINGHAM	WISHGARD LLC	6/30/2011	011-N	007-W	20	Londonderry	20-0001357.000		OH	479	418	201100003225
OH01010011063-000	JOHN H SCURLOCK	CARRIZO (UTICA) LLC	9/23/2014	00 9- N	007-W	32	Milwood	25-0000047.000	Guernsey	ÖH	521	590	201400007618
OH01010011064-000	RUDOLFO MONTANO ET UX	CARRIZO (UTICA) LLC	10/3/2014	001-N	001-W	ML 10	Richland	31-0001886.000	Guernsey	OH	521	1975	201400007935
ОН01010011065-000	HAROLD JAMES MCNEAL JR	CARRIZO (UTICA) LLC	10/15/2014	001-N	001-W	ML10	Richland	31-0001708.000 31-0001709.000	Guernsey	OH	521	1966	201400007931
OH01010011066-000	DENNIS SKEES ET UX	CARRIZO (UTICA) LLC	5/2/2014	001-N	002-W	ML 10	Richland	31-0002188.000	Guernsey	OH	516	631	201400003832
OH01010011067-000	RICHARD PICETTI ET UX	CARRIZO (UTICA) LLC	12/12/2014	001-N	001-W	ML 10	Richland	31-0001906.000 31-0001905.000	Guarnsey	ОН	523	1689	201500000053
OH01010011068-000	PAUL DAUGHERTY ET UX	CARRIZO (UTICA) LLC	10/21/2014	001-N	001-W	ML 10	Richland	31-0001512.000	Guernsey	ОН	521	1962	201400007929
OH01010011069-000	CHARLES O DONNELL ET UX	CARRIZO (UTICA) LLC	12/10/2014	001-N	001-W	ML 10	Richland	31-0001891.000	Guernsey	OH	525	2571	201500001718
ОН0101001107-000	RUDOLPH G SALTALAMACHIA ET UX	CARRIZO (UTICA) LLC	9/7/2012	004-N	002-W	12	Monroe	26-0000112.001 26-0000112.008	Guernsey	ОН	493	2905	201200008123
OH01010011070-000	EDWARD LAPP ET UX	CARRIZO (UTICA) LLC & ACP III UTICA LLC	9/17/2013	003-N	001-W	10	Madison	22-0000759.000 22-0000335.000 22-0001134.001	Guernsey	е ОН	507	3159	201300007933
OH01010011071-000	THE LAWRENCE N GLOVER AND STELLA J GLOVER	CARRIZO (UTICA) LLC	11/6/2014	001-N	002-W	10	Richland	34-0000075.000	Guernsey	ОН	522	219	201400008330
OH01010011072-000	TIMOTHY LIREDD ET UX	CARRIZO (UTICA) LLC	11/19/2014	001-N	002-W	10	Richland	34-0000019.000 34-0000020.000	Guernsey	OH	523	2324	201500000190

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DH01010011074-000	WILLIAM H HARTLEY III LIVING	CARRIZO (UTICA) LLC	10/23/2014	D01-N	002-W	12	Richland	31-0003178.000	Guernsey	OH	522	224	201400008332
		CARRIZO (UTICA) LLC	1/10/2015	011-N	007-W	26	Londonderry	20-0000511.000	Guernsey	OH ;	523	2 64 0	201500000270
умур, киром во в на намероворо Води и бире о	L JANE RAWLINGS TRUST	CARRIZO (UTICA) LLC	12/16/2014	001-N	002-W	9	Richland	31-0002632,000 31-0002634,000 31-0002479,000 31-0002963,001	Guernsey	ОН	523	1695	201500000055
OHD1010011077-000	PATRICK G GOLMITZ ET UX	CARRIZO (UTICA) LLC	12/10/2014	001-N	002-W	12	Richland	31-0000498.000	Guernsey	CH	523	1698	201500000056
OHD1010011077-000	KIMBERLY JO NEFF	CARRIZO (UTICA) LLC	9/15/2014	001-N	002-W		Richland	31-0002483.000	Guernsey	OH	520	1599	201400007071
OHG1010011079-000	STEPHEN P NELSON ET UX	CARRIZO (UTICA) LLC	11/3/2014	G01-N	002-W	20, 21	Richland	35-0000509.000 35-0000510.000 35-0000570.000	Guernsey	ОН	522	221	201400008331
OHD101001108-000	ANTHONY D BARBUTO ET UX	CARRIZO (UTICA) LLC	8/30/2012	004-N	002-W	12	Monroe	26-0000112.010 26-0000112.011	Guernsey	ОН	494	71	201200008300
OH01010011080-000	KONATHAN W BARRETT ET UX	CARRIZO (UTICA) LLC	10/3/2014	001-N	001-W	ML10	Richland	31-0001629.000	Guernsey	ОН	522	217	201400008329
OH01010011081-000		CARRIZO (UTICA) LLC	10/2/2014	001-N	002-W	11	Richland	31-0002520.000 10-0000090.000	Guernsey	OH	521	1979	201400007937
OH01010011082-000	CHARLES W SCURLOCK ET UX	CARRIZO (UTICA) LLC	9/24/2014	001-N	002-W	2	Center	10-0000082.000 10-0000071.000	Guernsey	ОН	521	594	201400007620
OH01010011083-000	JAMES L WERTZ	CARRIZO (UTICA) LLC	12/10/2014	Q01-N	001-W	ML30	Richland	10-0000070.000 31-0000963.000 31-0000964.000		ОН	523 521 521	2321 594 1979	201500000189 201400007620 201400007937
ОНО1010011084-000	CHARLES W SCURLOCK ET AL	CARRIZO (UTICA) LLC	9/24/2014	001-N	002-W	2	Center	10-0000089.000 10-0000081.000 10-0000031.000	Guernsey	ОН	521	597	201400007621

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LEASE NUMBER	LESSOR	TEXAL	UEASE EFFECTIVE DATE	<u>TOWNSHIP</u>	<u>range</u>	SECTION	TOWNSHIP NAME	TAX PARCEL LD.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
DH01010011085-000	ROBERT K DEVORE	CARRIZO (UTICA) LLC	12/5/2014	001-N	001-W	ML 30	Richland	31-0000974.000 31-0000975.000 31-0000976.000 31-0000993.000 31-0000994.000 31-0001004.000	Guernsey	OH	523	2315	201500000187
OHO1010011086-000	WAYNE E REDD ET AL	CARRIZO (UTICA) LLC	1/5/2015	001-N	002-W	9	Richland	34-0000009.000	Guernsey	OH	523	3339	201500000422
OHO1010011085-000	WILLIA MARGIE ROHL	CARRIZO (UTICA) LLC	12/19/2014	001-N	002-W	9	Richland	34-0000094.000	Guernsey	OH	523	3343	201500000423
OH01010011088-000	URSULA STAHOVEC	CARRIZO (UTICA) LLC	12/10/2014	001-N	002-W	1	Wills	47-0000139.000 47-0000138.000 47-0000137.000	Guernsey	ОН	523	1683	201500000051
OHO1010011089-000	DAVID W STAHOVEC	CARRIZO (UTICA) LLC	10/29/2014	001-N	002-W	1	Wills	47-0000107.000	Guernsey	OH	522	946	201400008458
0H01010011091-000	GUERNSEY COUNTY COMMUNITY DEV CORP	PATRIOT LAND COMPANY	3/25/2011	001-N	001-W	2	Richland	31-0002978.003	Guernsey	ОН	477	2496	201100001998
DH01010011093-000		GULFPORT ENERGY CORPORATION	10/22/2011	001-N	001-W	11, 12	Milwood	23-0000564.000 31-0001555.000	Guernsey	ОН	487	2803	201200002286
OHO1010011095-000	TIMOTHY L SILVA	GULFPORT ENERGY CORPORATION	9/28/2012	001-N	001-W	2	Wills	44-0000133.019	Guernsey	ОН	495	444	201200009376
OH01010011096-000	KEITH A ELSASS	GULFPORT ENERGY CORPORATION	12/20/2011	001-N	001-W	2	Wills	44-0000133.020		OH	491	39	201200005483
OH01010011097-000	HARRY E BRUNER ET UX	GULFPORT ENERGY CORPORATION	10/22/2011	001-N	001-W	ZND	Richland	31-0000136.001 44-0000154.006	Guernsey	ОН	488	2981	201200003410
 OH01010011098-000	FREDERICK R BUTCHER ET UX	GULFPORT ENERGY CORPORATION	10/22/2011	001-N	001-W	2ND	Richland	31-0000136.000 44-0000154.003	Guernsey	ОН	492	1494	201200006833
 OH01010011101-000	DAVID GOSSETT ET UX	GULFPORT ENERGY CORPORATION	10/22/2011	001-N	001-W	8	Richland	31-0000138.000	·	OH	488	2925	201200003396
OH01010011102-000	: MARY L RENAND ET VIR	WISHGARD LLC	5/31/2011	001-N	001-W	9	Richland	33-0000005.006 33-0000005.007 33-0000005.008	•	ОН	479	1821	201100003673
OH01010011103-000	TRAVIS CARPENTER ET AL	GULFPORT ENERGY CORPORATION	10/22/2011	001-N 001-N	001-W	9 12	Millwood	23-0000208.000 31-0000278.000	I THE PARTY OF THE	OH	487	2743	201200002271

LEASE NUMBER	LESSOR	Tesset	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCEL I.D.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
OH01010011104-000	LACOD LI MILLED ST LIV	GULFPORT ENERGY CORPORATION	10/22/2011	001-N	001-W	9	Milwood	23-0000250.011 23-0000250.000	Guernsey	ОН	492	1550	201200006847
OH01010011105-000	OCAINIC IS MADINING ET HY	GULFPORT ENERGY CORPORATION	10/22/2011	001-N 001-N	001-W 001-W	23 18	Richland	31-0003002.000 31-0003005.003 31-0003058.000 31-0003059.000 31-0003060.000	Guernsey	ОН	493	2168	201200007934
OH01010011106-000	SCHERRICK LIVING TRUST	GULFPORT ENERGY CORPORATION	1/7/2013	001-N	001-W	3	Wills	44-0000312.000	Guernsey	ОН	499	45	201300000684
OH01010011107-000	DAVID KEITH FOWLER IR ET	GULFPORT ENERGY CORPORATION	10/22/2011	001-N	001-W	AO	Wills	44-0000154.001	Guernsey	OH	488	2897	201200003389
ОНО1010011108-000	DAVID J BODNER ET UX	GULFPORT ENERGY CORPORATION	10/22/2011	001-N	001-W	3	Wills	44-0000154.000	Guerasey	ОН	493	2144	201200007929
OH01010011109-000	GULFPORT EMERGY CORPORATION	GULFPORT ENERGY CORPORATION	2/10/2015	001-N	001-W	9	Richland	33-0000005.000	Guernsey	ОН	525	291	201500001213
OH01010011110-000	JOHN R FAHNER ET UX	PATRIOT LAND COMPANY	12/5/2011	001-N	001-W	10	Richland	31-0002313.000	Guernsey	ОН	485 525	2298 291	20120000321
OH01010011112-001	STANLEY W PELKA TRUST	GULFPORT ENERGY CORPORATION	5/25/2012	011-N	007-W	26	Londonderry	20-0001430.001	Guerrsen	ЮН	490	1945	201200005071
OH01010011112-002	LINDA L PELKA TRUST	GULFPORT ENERGY CORPORATION	5/25/2012	011-N	007-W	26	Londonderry	20-0001430.001	Guernsey	OH	501	1920	201300002809
OH01010011113-000		GULFPORT ENERGY CORPORATION	2-Jun-2012	011-N	007-W	32	Londonderry	20-0000268.000	Guernsen	OH	490	1948	201200005072
OH01010011114-000	FREEPORT LODGE #415 F A M	GULIPORT ENERGY CORPORATION	6/30/2011	011-N	007-W	26	Londonderry	20-0001340.000	Guernse		478	3091	201100002958
OH01010011115-000	DUTCH BARN	TRI STAR ENERGY	12/30/2010	011-N	007-W	26	Londonderry				477	956	201100001533
OH01010011117-000	the first of the course of amount and the course of the course of	DAVID R HILL INC	8/5/2008	001-N	001-W	A2	Wills	44-0000289-000		* 4	458 458	2137 2141	200800030282
OH01010011118-000	A STATE OF THE PROPERTY OF THE PARTY OF THE	DAVID R HILL INC	8/5/2008	001-N	001-W		Wills	44-0000290.000			458 523	2319	201500000188
OHD1010011119-000	GEORGE FERRIS ET UX	CARRIZO (UTICA) LLC MATTMARK PARTNERS,	12/2/2014		007-W	.) 9	Londonderry Richland	31-0001607.00	a regional terms of the first state.	E	488	2348	201200003221

Exhibit A-2 LEASES - Guernsey County Attached to and made part of that certain Assignment, Bill of Sale and Conveyance between Carrizo, Carrizo Utica

and Ascent dated effective 4/1/2017.

LEASE NUMBER	LESSOR	LESSEE	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCEL L.D.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT INJURIER
H01010011121-000	CALE R WAGSTAFF ET UX	ANTERO RESOURCES	8/15/2012	001-N	001-W	A4	Richland	31-0002541.000	Guernsey	ОН	493	1151	201200007671
	ANDREW OLEI	OXFORD OIL COMPANY	12/29/2009	001-N	001-W	10	Millwood	23-0000054.000	Guernsay	OH	471	2893	201000002977
0H01010011122-000	MARTIN A DETWEILER ET UX	OXFORD OIL COMPANY	3/11/2009	001-N	001-W	11	Richland	23-0000563.000	Guernsey	ОН	463 483	192 1815	201100007156
	MARTIN A DETWEILER ET UX	OXFORD OIL COMPANY	3/11/2009	001-N	001-W	11	Richland	23-0000563.000	Guernsey	OH	463	192	200900001793
0H01010011123-002	DIANNE M BAGINSKI	OXFORD OIL COMPANY	8/31/2009	001-N	001-W	12	Richland	31-0001559.000 31-0002465.000	Guernsey		465	2368	200900004979
	RANDON L NELSON ET UX	ECLIPSE RESOURCES LP	3/7/2014	001-N	001-W	1	Wills	44-0000180.000	Спетуел	; OH	514	625	201400002215
OHO1010011125-000 OHO1010011126-000	ESTHER F ABRAMS ET AL	ECLIPSE RESOURCES I LP	9/26/2013	001-N	001-W	1	Wills	44-0000598.000	Guernsey		509	844	201300008942
OHO1010011125-000	NELSON L CARPENTER ET UX	ECLIPSE RESOURCES I LP	3/6/2014	001-N	001-W	1	Wills	44-0000596.000	- i	OH	514	1115	201300008209
OHO1010011128-000	GARY W MORRIS ET AL	ECLIPSE RESOURCES I LP	9/9/2013	001-N	001-W	3	Wills	44-0000675.001	Guernsey	, OH	508	. 1003	
OHO1010011129-000	SUZANNE GILDEA DYCH ET AL	ANTERO RESOURCES APPALACHIAN CORP	11/8/2012	001-N	001-W	0	Richland	31-0000132.001 31-0000132.002	Guernsey	OH	497	924	201200011266
OH0101001113-000	GREGORY TUCKER ET UX	CARRIZO (UTICA) LLC	7/17/2012	001-N	001-W	12	Richland	33-0000002.011	Guernsey	OH .	492	158	201200006411
OHO1010011130-000	DENNIS M SOLAR	ANTERO RESOURCES APPALACHIAN CORP	9/10/2012	002-N	001-W	23	WILLS	44-0000315.000		(OH	495	1678	201200009637
OH0101 00 11131-001	MARK SENG ET UX	ANTERO RESOURCES APPALACHIAN CORP	10/9/2012	001-N	001-W	13	Richland	31-0000543,004 31-0000543,003 31-0000543,002	Guernsey	OH	497	968	201200011298
National Control of		ANTERO RESOURCES	10/9/2012	001-N	001-W	13	Richland	31-0000543.004 31-0000543.008		: y: OH	497	986	201200011297
OH01010011131-002	ANDY SENG ET UX	APPALACHIAN CORP	101315015	00211	:	i		31-0000543.002 23-0000250.008		:			
OH01010011132-000	ANDREW OLEI	ANTERO RESOURCES APPALACHIAN CORP	9/11/2012	001-N	001-W	9, 10	Millwood	23-0000250.016 23-0000250.017 23-0000250.005 23-000054.000	Guernse	y OH	497	952	201200011280
OH01010011133-000	STEVEN E SCHWARTZ	ANTERO RESOURCES APPALACHIAN CORP	5/16/2013	001-N	001-W	10	Milhwood	23-0000339.00	4	у ОН	504	655	201300004956

LEASE NUMBER	LESSOR	LESSEE	LEASE EFFECTIVE DATE	TOWNSHIP	range	SECTION	TOWNSHIP NAME	TAX PARCEL LD.	COUNTY	STATE	BOOK	PAGE	<u>INSTRUMENT</u> <u>NUMBER</u>
H01010011134-000	JANICE M ROGERS	ANTERO RESOURCES	7/28/2012	001-N	001-W	0	Wills	44-0000189.000	Guernsay	ОН	493	1173	201200007682
H01010011135-000	DENNIS W RENNINGER ET UX	ANTERO RESOURCES APPALACHIAN CORP	11/28/2012	001-N	001-M	18	Richland	31-0003005.006 31-0003005.007	Guernsey	ОН	497	3209	201200011877
	RICK A ST CLAIR ET UX	ANTERO RESOURCES	3/31/2012	001-N	001-W	2	Wills	44-0000204.000 44-0000675.002	Guernsey	ON	488	300	201200002571
H01010011136-000	MICHAEL D COWGILL ET UX	APPALACHIAN CORP	12/2/2011	001-N	001-W	18	Richland	31-0003005.001	Guernsey	OH	485	1250	201200000035
H01010011138-000	SCOTT A BURGA ET UX	ANTERO RESOURCES APPALACHIAN CORP	7/18/2012	001-N	001-W	1	Wills	44-0000189.002	Guernsey	OH	492	2881	201200007191
OH01010011139-000	GENE E & ALICE M BURGA	ANTERO RESOURCES	7/18/2012	001-N 001-N	001-W	1 10	Wills Millwood	44-0000189.001 23-0000160.000	Guernsey	ОН	492	2642	201200007113
OH0101001114-000	LIVING TRUST GREGORY R WILSON ET UX	CARRIZO (UTICA) LLC	5/16/2012	001-N	001-W	3, 6	Richland	31-0002439.000 31-0000349.000	Guernsey	ОН	492	138	201200006401
OH01010011140-000		ANTERO RESOURCES	7/28/2012	001-N	001-W	. 2	Wills	44-0000961.001	Guernsey	OH	493	1171	201200007681
OH01010011141-000		APPALACHIAN CORP ANTERO RESOURCES	12/7/2012	001-N 001-N	001-W	1	Wills Millwood	44-0000235,000 23-0000178.000		OH	498	760	201200012119
		APPALACHIAN CORP ANTERO RESOURCES	3/31/2012	001-N	001-W	10	Richland	31-0001525.000 31-0000133.000	Guernsen	V OH	488	306	201200002574
DH01010011142-000	IOSEPH V GILDEA REV LIVING	APPALACHIAN CORP ANTERO RESOURCES	3/19/2014	: 001-N	001-W	: 2	Richland	31-0002978.000		у, ОН	514	3350	201400002836
OH01010011143-000 OH01010011144-000	INUSI	CORPORATION B3 MINERALS LLC	4/22/2013		001-W	12	Richland	33-0000002.00	Guernse	A. OH	502	1698	201300003506
OHO1010011145-000		ANTERO RESOURCES	7/18/2012	001-N	001-W	2	Wills	44-0000962.000	Guernse	у ОН	492	2873	201200007187
OH01010011146-000		ANTERO RESOURCES APPALACIAN CORP	7/24/2012	001-N	001-W	2	Wills	44-0000961.000	Guernse	у. ОН	498	2854	20130000049€
OH01010011147-000		ANTERO RESOURCES	7/18/2017	001-N	001-W	10	Wills	44-0000112.00 23-0000022.00	· GUARTISE	у ОН	492	2644	201200007114
OH01010011147-0X	THE JAMES GRIDEA REV	APPALACHIAN CORP ANTERO RESOURCES CORPORATION	5/30/2014	001-N	001-W	3	Richland	31-0000132.00		у ОН	517	3293	201400005191

LEASES - Guernsey County

LEASE NUMBER	LESSOR	TERRE	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCEL I.D.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
OH01010011149-000	KENNETH D RUTTIG SR ET UX	CARRIZO (UTICA) ILC	TBD	011-N	007-W	33	Londonderry	20-0001247.000	Guernsey	ОН	543	711	201600007020
OH0101001115-000		CARRIZO (UTICA) LLC	6/15/2012	001-N	001-W	3	Richland	31-0002978.015	Guernsey	OH	492	192	201200006428
OH01010011150-000*	KENNETH D RUTTIG SR ET UX	CARRIZO (UTICA) LLC	TBD	011-N	007-W	27	Londonderry	20-0000004.000	Guernsey	ОН	543	714	201600007021
OH01010011151-000*	(*TOP LEASE) MARK D HALTERMAN (*TOP	CARRIZO (UTICA) LLC	TBD	011-N	007-W	26	Londonderry	20-0000102.000	Guernsey	OH	543	708	201600007019
OH01010011152-000	1	CARRIZO (UTICA) LLC	5/24/2017	: 001-N	001-W	2	Wills	44-0001058.000	Guernsey	OH	547	1376	201700002909
OH01010011153-000*	MICHAELS POWELL ET UX	CARRIZO (UTICA) LLC	TBD	011-N	007-W	26	Londonderry	20-0000455.000	Guernsay	OH	543	717	201600007022
OH01010011154-001	DAVID H MILLER ET UX	CARRIZO (UTICA) LLC	5-Dec-2016	001-N	001-W	9	Millwood	23-0000250.012 23-0000250.013	Guernsey	ОН	542	2274	201600006661
OHO1010011155-000*	A THE PARTY NAMED IN COLUMN 2	CARRIZO (UTICA) LLC	TBD	011-N	007-W	33	Londonderry	20-0000443.000		* ** ***	543 544	2187 3417	20170000137 201700001168
OH01010011159-001	JASON L MILLER ET UX (*TOP	CARRIZO (UTICA) ILC	7/11/2017	003-N 001-N	001-W		Madison Fichland	22-0000148.000	Guernsey	OH	492	150	201200006407
OH0101001116-000 OH01010011160-001	RONALD A MILLER ET UX	CARRIZO (UTICA) LLC CARRIZO (UTICA) LLC	6/7/2012 7/30/2017	003-N	001-W		Madison	22-0000148.001	Guerraey	OH	544	3419	201700001169
OHO1010011161-001	PWB PROPERTIES LLC (*TOP	CARRIZO (UTICA) LLC	7/17/2017	003-N	001-W	8, 13	Madison	22-0000162-000	Guernsey	OH	544	3424	201700001171
OHO1010011162-000	LEASE) JOHN H MATTHEWS ET UX	CARRIZO (UTICA) LLC	20-Feb-201	003-N	001-W	13	Madison	22-0000820.001	Guernsey	OH	544	3421	201700001170
OH01010011163-000	DAVID M BASES ET LIX (STOP	CARRIZO (UTICA) LLC	11/16/2017	Q03-N	001-W	. 3	Madison	22-0000619.000	·GUNTHUN	OH	545	484	201700001297
OH01010011164-000	LEASE)	CARRIZO (UTICA) LLC	11/16/2017	003-N	001-W	3	Madison	22-0000190.000	Guernsey		545	482	201700001296
OH01010011165-000		CARRIZO (UTICA) LLC	11/16/2017		001-W		Madison Richland	22-0001271-000			545 546	480 1492	201700001295
OH01010011166-000		CARRIZO (UTICA) LLC	TBD	001-N 001-N	001-W	, , , , , , , , , , , , , , , , , , ,	Richland	31-0000335.000		OH	546	1486	201700002254
OH01010011167-000 OH01010011168-000		CARRIZO (UTICA) LLC	TBD	001-N	001-W	3	Richland	31-0001439.000 40-0001727.000			546	1989	201700002255
OHO1010011169-000		CARRIZO (UTICA) LLC	22-Mar-201	7 004-N 003-N	001-W	21, 1	Washington Madison	22-0001129.00	: Guerusa:	y! OH	545	2474	201700001754
OH0101001117-000	BRUCE A BROWN	CARRIZO (UTICA) LLC	7/13/2012	001-N	001-W	12	Richland	33-0000002.01/ 40-0001727.00/	magnete ou en encorre	y OH	492	156	201200006410
OHO1010011170-001		CARRIZO (UTICA) LLC	26-Mar-201	7 004-N 003-N	001-W	21.1	Washington Madison	22-0000250.00		у ОН	545	2650	201700001787

Instrument Book Pase 201700006694 0R 552 1206

Exhibit A-2 LEASES - Guernsey County

LEASE NUMBER	<u> LESSOR</u>	LESSEE	LEASE EFFECTIVE DATE	<u>TOWNSHIP</u>	RANGE	SECTION	TOWNSHIP PLAME	TAX PARCEL LD.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
	THE GARY ALLDREDGE TRUST	CARRIZO (UTICA) LLC	6/2/2017	011-N	007-W	31	Londonderry	20-0000682.000	Guernsey	OH	546	1163	201700002210
		CARRIZO (UTICA) LLC	5/24/2017	001-N	001-W	2	Wills	44-0000240.000	Guernsey	OH	547	1374	201700002908
	JOE YANKE ET UX	CARRIZO (UTICA) LLC	5/15/2017	004-N	001-W	21	Washington	40-0001727.003		ОН	547	156	201700002715
All hands and the same particular to the	FLORA BELLE HECKMAN	CARRIZO (UTICA) LLC	5/26/2017	001-N	001-W	23	Richland	31-0000326.000		*	547	1575	201700002957
OH01010011174-000 OH01010011175-000	MICHAEL A MONSORNE ET UX		31-Mar-2017	004-N	001-W	21	WASHINGTON		Guernsey	OH	545	2859	KATAMATESS
OH01010011176-000*	REM MINERALS LLC (*TOP LEASE)	CARRIZO (UTICA) LLC	TBD	001-N	001-W	3	Richland	31-0002978.002 (SURFACE) 31-0003225.000 (MINERALS) 31-0002538.000 (SURFACE) 31-0003227.000 [MINERALS)	Guernsey	ОН	548	110	201700003423
OH01010011177-000*	JERRY BATES ET UX (*TOP	CARRIZO (UTICA) LLC	TBD	001-N	001-W	2	Wills	44-000687.000	Guernsey	OH	548	203	201700003449
OH01010011178-000*	DUSTIN J HAUENSTEIN ET UX	CARRIZO (UTICA) ILC	TBD	001-N	001-W	3	Richland	31-0002978.017	Guernsey	, OH	548	1022	201700003635
OH0101001118-000	(*TOP LEASE) JOHN M LEE ET UX	CARRIZO (UTICA) LLC	10/2/2012	001-N	005-M	13	Richland	31-0000555.001 22-0000148.002	angle and the set	, OH	494	2801	201200008973
OH01010011183-000	ANNA L JOHNSON TRUST	CARRIZO (UTICA) LLC	9/7/2017	003-N	001-W	13	Madison	22-0000162.000 22-0000148.001	Guernse	у, ОН	550	2107	201700005426
OH01010011183-000	EDDIE G POTTS ET UX	CARRIZO (UTICA) LLC	4/5/2017	001-N	001-W	23	Richland	22-0000148.000 31-0000022.000 22-0000804.000	Guernse	у ОН	550	975	201700005187
OH01010011184-000	BRUSHY FORK LLC	CARRIZO (UTICA) LLC	9/7/2017	003-N	001-W	13	Medison	22-0000604.002 22-0000804.002	Guernse	у ОН	550	2104	201700005425
	PHILIP L KREITZ ET AL	CARRIZO (UTICA) LLC	6/19/2012	2 001-N	001-W	ML5	Richland	22-0000905.000 31-0002951.000	Guernse	y OH	492	134	201200006399
OH0101001119-000	DARLENE L TALBOTT	CARRIZO (UTICA) LLC	6/19/2012	3	001-W	ML5	Richland	31-0002952.000 31-0002951.000		y, OH	492	148	201200006405

<u>LEASE NUMBER</u>	LESSOR	LESSEE	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	<u>SECTION</u>	TOWNSHIP NAME	TAX PARCEL LO.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
H0101001121-000	SCOTT R HUFF ET UX	CARRIZO (UTICA) LLC	6/8/2012	001-N	001-W	ML 5, ML 4	Richland	31-0000086.000 31-0000046.000	Guernsey	ОН	492	140	201200006402
	de la companya della companya della companya de la companya della	ENDEAVOR OHIO LLC	11/1/2011	001-N	001-W	18	Richland	31-0003005.014	Guernsay	4	485	1403	201200000081
H0101001126-000	ROBERT BERGER ET AL	ENDEAVOR OHIO LLC	10/4/2011	001-N	001-W	23	Richland	31-0000243.000	Guernsey	OH	485	1327	201200000061
H0101001127-000 H0101001130-000	OWEN J RISHER ET UX	ENDEAVOR ENERGY RESOURCES LP	10/13/2011	001-N	001-W	10	Millwood	23-0000339.005	Guernsey	ОН	485	1294	201200000050
OHO101001132-000	WALTER J FUNDAK	ENDEAVOR ENERGY RESOURCES LP	10/4/2011	001-N	001-W	18	R)chland	31-0003014.000 31-0003016.000 31-0003018.000 31-0003020.000	Guernsay	ОН	486	1710	201200001109
H0101001133-000	RUSSELL E GIRTS	ENDEAVOR OHIO LLC	10/21/2011	001-N	001-W	13	Richland	31-0000543.005 31-0000543.006	Guernsey	ОН	485	1312	201200000057
)H0101001136-000	RICHARD MCKEE ET UX	ENDEAVOR OHIO LLC	11/14/2011	001-N	001-W	9	Richland	33-0000005.011 33-0000005.012	Guernse	СН	485	1318	201200000058
OHO101001137-000	DANIEL E MILLER ET UX	ENDEAVOR OHIO LLC	10/20/2011	009-N	007-W	32	Millwood	23-0000619.003 23-0000619.002		1	485	1309	201200000055
D. 100.004.004.00	JOHN P MILLER	ENDEAVOR OHIO LLC	11/8/2011	001-N	001-W	18	Richland	31-0003005.011	Guernse	OH	485	1339	201200000065
OHO101001138-001 OHO101001138-002	STEVEN L MILLER	CARRIZO (UTICA) LLC &	6/6/2013	001-N	001-W	18	Richland	31-0003005.011	Guerrse	у ОН	504	451	201300004896
DH0101001138-003	LORINDA J KRESS ET VIR	CARRIZO (UTICA) LLC &	6/8/2013	001-N	001-W	18	Richland	31-0003005.011	Guernse	у ОН	504	446	201300004894
OH0101001139-000	LEROY R MILLER ET UX	ENDEAVOR ENERGY RESOURCES LP	10/4/2011	001-N	001-W	10	Miliwood	23-0000339.007 23-0000339.004 23-0000339.005	Guernse	у ОН	485	: 1264 :	201200000040
OH0101001140-000	RAYMOND A MILLER ET UX	ENDEAVOR ENERGY RESOURCES LP	10/14/201	1 009-N	007-W	23	Oxford	28-0000506.000		y OH	485	1267	201200000041
OH0101001143-000	ROBERT B WATSON ET UX	ENDEAVOR ENERGY	11/4/201	1 001-N	001-W	10, 11	Millwood	23-0000615.000 23-0000339.000 23-0000340.000	5 Guernse	у ОН	485	1297	20120000051
OH0101001144-000	KEVIN WARFORD	ENDEAVOR OHIO LLC	10/25/201	1 001-N	001-W	18	Richland	31-0003005.01		y OH	485	1333	201200000063

LEASE NUMBER	<u>LESSOR</u>	LESSEE	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCEL LD.	COUNTY	STATE	BOOK	PAGE	NSTRUMENT NUMBER
DH0101001145-000	TERRY M STOVER ET UX	ENDEAVOR ENERGY RESOURCES LP	10/3/2011	001-N	001-W	18	Richland	31-0003005.000 31-0003005.010 31-0003005.013	Guernsey	ОН	485	1279	201200000045
OH0101001146-000	RUSSELL STANLEY ET UX	ENDEAVOR OHIO LLC	1/3/2012	001-N	001-W	18	Richland	800.200E000-1E	Guernsey	OH	485	1342	201200000066
OH0101001148-000	SCOTT SIMONSON ET UX	ENDEAVOR ENERGY RESOURCES LP	10/4/2011	001-N	001-W	10	Millwood	23-0000339.011	Guernsey	ОН	485	1276	201200000044
OH0101001149-000	JOSEPH SIMONSON ET UX	ENDEAVOR ENERGY RESOURCES LP	10/4/2011	001-N	001-W	10	Millwood	23-0000339.010	Guernsey	ОН	485	1273	201200000043
OH0101001150-000	ARTHUR ROGERS ET UX	ENDEAVOR OHIO LLC	11/14/2011	001-N	001-W	18	Richland	31-0003004.001	Guernsey	OH	485	1324	201200000060
OH0101001151-001	PAUL ROBB	ENDEAVOR OHIO LLC	12/9/2011	001-N	001-W	18	Richland	31-0003004.004	Guernsey	OH	486	1704	201200001107
OH0101001151-002	MIKE OLS	ENDEAVER OHIO LLC	12/8/2011	001-N	001-W	18	Richland	31-0003004.004	Guernsey	OH.	486	1698	201200001105
OHO101001152-000	T VERNON RAYBOULD ET UX	ENDEAVOR OHIO LLC	11/7/2011	· 001-N	001-W	18	Richland		Guernsey	OH	485	1336	201200000064
OH0101001154-000	MARTY L MILLER ET AL	SUN O & G EXPLORATION	6/30/2011	001-N	001-W	2	Wills	44-0000133.010 44-0000133.011	Guernsey	OH	481	2368	201100005689
OH0101001155-000	JOHN ELDRIDGE ET UX	SUN O & G EXPLORATION	6/30/2011	001-N	001-W	18	Richland	31-0002996.000 31-0002994.001	Guernsey	ОН	481	2372	201100005691
OH0101001158-000	ROBERT BERGER ET UX	ENDEAVOR OHIO LLC	11/1/2011	001-N	001-W	18	Richland	31-0003005.004 31-0003005.009	Guernsey	OH	487	2330	201200002154
OH0101001159-000	PAMELA J PADEN ET VIR	CARRIZO (UTICA) LLC	9/27/2012	004-N	002-W	. 21	Monroe	26-0000032.001	Guerrsey	ОН	494	1828	201200008749
OH0101001160-000	GLENN B DOWNERD ET UX	RESOURCE EXPLORATION	11/1/1972	011-N	007-W	33	Londonderry	20-0001247.000	Guernsey	OH	70	687	
OH0101001160-000	CARL E ROE ET UX	CARRIZO (UTICA) LLC	9/27/2012	001-N	001-W	2	Wills	44-0000133.012	Guerrisey	OH	494	2811	201200008978
OH0101001162-000	MARTIN A BYLER ET UX	CARRIZO (UTICA) LLC	10/16/2012		001-W	2	Wills	44-0000133.007	Guerrisey	OH	495	2116	201200009726
OH0101001162-000	JOSEPH M SYLER ET UX	CARRIZO (UTICA) LLC	7/25/2012		001-W	12	Richland	33-0000002.007 33-0000002.002	Guernsey	ОН	494	1369	201200008639
OH0101001165-000	HENRY E WETMORE ET AL	CARRIZO (UTICA) LLC	7/16/2012	001-N	001-W	12	Richland	33-0000002.005	Guernsey	OH	492	2825	201200007166
OH0101001165-000	WILLIS MILLER ET UX	CARRIZO (UTICA) LLC	10/17/2012		001-W	12	Richland	33-0000002.000	Guernsey	ÓH	495	2122	201200009729
OH0101001167-000	PATRICIA Z SMITH	CARRIZO (UTICA) LLC	6/27/2012		001-W	. A3	Richland	31-0002447.001	Guernse	OH	492	188	201200006426
OH0101001168-000	DICK NICHOLSON ET AL	CARRIZO (UTICA) LLC	9/21/2012	1 1000	001-W	3	Richland	31-0002978.014	Guernsey	OH	494	1377	201200008643

LEASE NUMBER	LESSOR	TESSEE	LEASE EFFECTIVE DATE	TOWNSHIP	range	SECTION	TOWNSHIP NAME	TAX PARCELLD.	COUNTY	STATE	300K	PAGE	INSTRUMENT NUMBER
OH0701001169-000	IAMES M HUHN	CARRIZO (UTICA) LLC	5/12/2012	001-N	001-W	2 Q	Richland	31-0002923.003 31-0002923.004 31-0002923.005 31-0002923.006 31-0002923.007 31-0001437.000	Guemsey	ОН	492	213	201200006435
OH0101001170-000	KENNIE E LEWIS ET UX	CARRIZO (UTICA) LLC	10/29/2012	: 004-N	001-W	18	Washington	40-0000337.000	Guernsey	ОН	496	1677	201200010591
OHO101001173-000	HENRY E WETMORE ET UX	CARRIZO (UTICA) LLC	8/24/2012	001-N	001-W	12	Richland	33-0000002.004	Guernsey	ОН	493	2903	201200008122
OH0101001174-000	PAUL BOUCHONVILLE ET UX	ENDEAVOR OHIO LLC	11/2/2011	001-N	001-W	9	Milwood	23-0000250.002 23-0000250.003	Guernsay	OH	485	1321	201200000059
ALIERA COLLETE DOS	TIMOTHY DONALD STERLING	CARRIZO (UTICA) LLC	9/11/2012	004-N	001-W	18	Washington	40-0000455.002	Guernsey	OH	494	79	201200008304
OH0101001175-000 OH0101001179-000	MICHAEL F REICHART	CARRIZO (UTICA) LLC	10/9/2012	004-N	001-W	15	Washington	40-0000011.000	Guernsey	OH	495	833	201200009450
OH0101001180-000	ROBERT L STOTTSBERRY JR	CARRIZO (UTICA) LLC	8/1/2012	001-N	001-W	12	Richland	31-0001601.000 31-0001603.000	Guernsey	ОН	492	2835	201200007171
OH0101001182-000	THE ADENA BICKERSTAFF LLC	CARRIZO (UTICA) LLC	7/12/2012	001-N	001-W	12	Richland	33-0000002.017	Guernsey	ОН	492	162	201200006413
OH0101001184-000	KEVIN ROE ET UX	CARRIZO (UTICA) LLC	11/28/2012	÷	001-W	9, 12	Richland	33-0000002.001 23-0000650.000	Guernsey	ОН	498	1821	201300000227
OH0101001185-000	CALE C MORSE	CARRIZO (UTICA) LLC	8/30/2012	001-N	002-W	10	Richland	31-0000279.000	Guernsey	OH	493	2909	201200008125
OH0101001186-000	RANDAUL L BOOTH ET UX	CARRIZO (UTICA) LLC	8/10/2012	001-N	001-W	ML5	Richland	31-0002578.000 31-0002951.003	Guernsey	OH	492	2809	201200007158
CH0101001188-000	WILLIAM K ALEXANDER	CARRIZO (UTICA) LLC	8/15/2012	001-N	001-W	13	Richland	31-0002460.000	Guernsey	OH	493	469-470	201200007504
OH0101001189-000	JOHN E VARGO INC	CARRIZO (UTICA) LLC	8/16/2012	001-N	001-W	MLS	Richland	31-0002499.000	Guernsey	OH	493	455	201200007498
OH0101001191-000	BECKY S MITCHELL	CARRIZO (UTICA) LLC &	10/2/2012	004-N	002-W	12	Monroe	26-0000112.005	Guernsey	/ OH	495	841	201200009454
OH0101001192-000	ROBERT H MILLER ET UX	CARRIZO (UTICA) LLC	7/24/2012	001-N	001-W	3	Richland	31-0002978-012	£ '	OH	494	1373	201200008541
OH0101001192-000	BARRY S WILHELM ET UX	CARRIZO (UTICA) LLC	8/4/2012	001-N	001-W	12	Richland	33-0000002.008 33-0000002.009	. Guentes	/ ОН	492	2837	201200007172
OHO101001194-001	FLOYD MCCLEARY ET UX	CARRIZO (UTICA) LLC	12/5/2012	004-N	001-W	14	Washington	40-0000228.000		- : .	498	2142	201300000307
OH0101001194-001	HARRY MCCLEARY ET UX	CARRIZO (UTICA) LLC	12/5/2012		001-W	14	Washington	40-0000228.000	and a second of		498	2146	201300000309
OH0101001194-003	LARRY MCCLEARY ET UX	CARRIZO (UTICA) LLC	12/5/2012		001-W	14	Washington	40-0000228.000	1		498	2148	201300000310
OH0101001194-004	DALE WARD ET UX	CARRIZO (UTICA) LLC	12/5/2012		001-W	14	Washington	40-0000228.000	; Guernse	y OH	. 498	2144	201300000308

LEASE NUMBER	LESSOR	TERRE .	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCELLO.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
H0101001195-000	MONTY CAMPBELL ET UX	CARRIZO (UTICA) LLC	8/14/2012	001-N	001-W	12	Richland	33-0000001.000	Guernsey	OH	493	459-460	201200007500
H0101001196-000	RAY G WILSON ET AL	CARRIZO (UTICA) LLC	8/10/2012	001-N	002-W	10	Richland	31-0000564.000	Guernsey	OH	492		201200007168
H0101001200-000	ANDREA M MOORE	CARRIZO (UTICA) LLC	8/31/2012	001-N	002-W	10	Richland		Guernsey	OH	493	and the of the property than the	201200008126
H0101001201-000	RUSSELL E WEAVER ET UX	CARRIZO (UTICA) LLC	8/8/2012	D01-N	002-W	10	Richland		Guernsey	OH	492		201200007165
HD101001206-000	JONATHAN D RABER ET UX	CARRIZO (UTICA) LLC	11/15/2012	N-E00	001-W		Madison	22-0001271.000	Guernsey	ОН	497	1127	201200011339
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H0101001207-001	WAMPUM HARDWARE	CARRIZO (UTICA) LLC	12/29/2012	001-N	001-W	5	Richland	31-0002764.000	Guernsey	OH	498	1814	201300000225
	COMPANY			i	:		*	i 31-0002765.000	į	. :		i	:
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OH0101001208-001	DONALD A ADKINS ET UX	CARRIZO (UTICA) LLC	8/30/2012	004-N	002-W	10	Monroe	26-0000062.000	Guernsey	OH :	493	2924-2926	201200008132
ALIGIOTOWASSOC CO.	(5514.657776.5776.577	,		F 700	ļ.			26-0001154.000					1
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OH0101001208-002	DAVID V BEAL ET UX	CARRIZO (UTICA) LLC	8/30/2012	004-N	002-W	10	Monroe	26-0000062-000	Guentsey	OH	493	2933-2935	201200008135
NUCTOTOGISSO-00*	DITTO Y OCALLI DA		-,,		ţ	Ė		26-0001154.000	Ī				
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OH0101001208-003	JAMES C EMLER ET UX	CARRIZO (UTICA) LLC	8/30/2012	004-N	002-W	10	Monroe	26-0000062.000	Guernsey	OH .	493	2930-2932	201200008134
OUOTOTOOT500-003	Dalles Commerces on		7	,		1		26-0001154.000		:		1	
		in the second second						26-0000061.000				1 ""	1
OH0101001208-004	HAROLD J GEORGE ET UX	CARRIZO (UTICA) LLC	8/30/2012	004-N	002-W	10	Monroe	26-0000062.000	Guernsey	OH	493	2927-2929	201200008133
ONOTOTO01509-00+	MANORE L'ADDINATE ET OX		404					26-0001154.000				:	
								26-0000061.000	! "	-:			
OHO101001208-005	LUCILLE F TOBIN	CARRIZO (UTICA) LLC	8/30/2012	004-N	002-W	10	Monroe	26-0000062.000	Guernsey	ОН	493	2921-2923	201200008131
OUCTOTOOT509-002	LUCILLE F TORM		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	23710				26-0001154.000		•		:	
O 104 04 004 200 000	.WCK TRUST #2 ET AL	CARRIZO (UTICA) LLC	12/18/2017	004-N	002-W	9	Monroe	26-0000089.000	Guernsey	OH	497	3249	201200011888
OH0101001209-000	ROY BRYANT ET UX	CARRIZO (UTICA) LLC	9/26/2012		002-W	10	Richland	31-0002754.000			494	2809	201200008977
OH0101001210-001	***	CARRIZO (UTICA) LLC	8/10/2012	001-N	002-W	10	Richland	31-0002753.001	A commence of		494	1371	201200008640
OH0101001211-000	EDWARD W WILSON JR ET UX MARK R NEUHART ET UX	CARRIZO (UTICA) LLC	8/22/2012		001-W	ipun e marija ez e	Wills	44-0001063.005			493	453	201200007497

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OH0101001213-000	MARILYN JEAN BLANEY	CARRIZO (UTICA) LLC	11/30/2012	001-N	0 02-W	20	Aishland	31-0000029.000 31-0000030.000 31-0000029.001	Guarnsey	ОН	498	1938-1940	201300000256
OH0101001215-000	THE LEVI H FAUSNIGHT REV TRUST	CARRIZO (UTICA) LLC	8/22/2012	004-N	001-W	14	Washington	40-0000043.002 40-0000043.002 40-0000043.000	Guernsey	ОН	493	466	201200007503
OH0101001216-000	PAUL H PERRY ET UX	CARRIZO (UTICA) LLC	8/28/2012	001-N	001-W	5	Richland	31-0001526.000 31-0001527.000	Guernsey	ОН	493	2907	201200008124
OH0101001219-000	JOHN J PRIBONIC ET UX	RESOURCE EXPLORATION INC	11/11/1972	011-N	007-W	31	Londonderry	20-0000509.000 20-0001328.000	Guernsey	CH	70	758	27837
OH0101001221-000 OH0101001222-000	GARY S WOYTKO ET UX	CARRIZO (UTICA) LLC CARRIZO (UTICA) LLC	9/7/2012 8/23/2012	001-N 001-N	001-W	ML5	Richland Wills	31-0000101.002 44-0001063.007	Guernsey Guernsev	ОН	493 493	2893 2936-2937	201200008118
OHO101001223-000	JOSHUA L HATCHER ET UX	CARRIZO (UTICA) LLC &	10/12/2012	004-N	002-W	22	Monroe	44-0001063.006 26-0002077.000		ОН	495		201200009723
OH0101001224-000	RICHARD FRITZ ET UX	APC III UTICA CARIUZO (UTICA) LLC	9/28/2012	001-N	001-W	ML 29	Richland	31-0000454.005	Guernsey	ÖН	494	4	201200008984
DH0101001226-000 DH0101001228-000	GLENN GOSSETT ET UX	CARRIZO (UTICA) LLC	8/30/2012 8/30/2012	001-N 004-N	001-W 002-W	ML5 10	Richland Monroe	· · · · · · · · · · · · · · · · · · ·	Guernsey Guernsey	OH	493 493		201200007778 201200008127
OHG101001229-000	DAVID V BEAL ET UX	CARRIZO (UTICA) ILC	8/30/2012	004-N	002-W	9, 10, 12	Monroe	26-000011.002 26-0000012.000 26-0000007.000 26-0000011.000 26-0001154.001	Guernsey	ОН	494	58-61	201200008296
OH0101001230-000	GEORGE V MILLER	CARRIZO (UTICA) LLC	8/22/2012	Q01-N	001-W	2	Wills	44-0000061.000 44-0000062.000	Guernsey	OH	493	464	201200007502
OH0101001231-000	JOHN D BEAL ET UX	CARRIZO (UTICA) LLC	9/8/2012	004-N	002-W	9, 12	Monroe	26-0000012,001 26-0000011,003	Guernsey	ОН	494	65	201200008298
OHO101001232-000 OHO101001233-000	WILLIAM Z FORNSHELL KATHY K FRITZ ET AL	CARRIZO (UTICA) LLC CARRIZO (UTICA) LLC	9/19/2012 9/28/2012	001-N	001-W	ML 5 ML 29	Richland Richland	31-0000101.003 31-0000454.003	Guernsey Guernsey	OH	494 494	2805 2827	201200008975
OH0101001234-000	VINCENT A LANZA ET UX	CARRIZO (UTICA) LLC	9/6/2012	001-N	001-W	ML 30	Richland	31-0001697.006	3e s ⊶e or≕ - 1 €	OH	494	83-84	201200008306

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OH0101001235-000	HAYDEN D RICHARDS ET UX	CARRIZO (UTICA) LLC	9/12/2012	001-N	001-W		Richland		Guernsey	OH	494	2803-2804	201200008974
OHO101001236-000	THOMAS BOWENS	CARRIZO (UTICA) LLC	10/1/2012	001-N	001-W	. 2	Wills	44-0001063.004	Guernsey	OH	494	2821	201200008983
OH0101001237-000	PHILIP L KREITZ ET UX	CARRIZO (UTICA) LLC	6/19/2012	001-N	001-W	ML5	Richland	31-0002951.002	Guernsey	ОН	492	132	201200010759
OH0101001239-000	ROLAND B ESTEP ET UX	RESOURCE EXPLORATION	12/23/1972	011-N	007-W	27	Londonderry	20-0000205.000 20-0000089.000	Guernsey	ОН	71	100	201200007423
OH0101001240-000	ESTATE OF LEWIS W LATHAM ET AL	RESOURCE EXPLORATION INC	1/11/1975	011-N	007-W	27	Londonderry	20-0001275.000 20-0001276.000 20-0001181.000 20-0001183.000 20-000013.000 20-0000410.000	Guernsey	ОН	74	278	-
оно101001241-000	REX C MURRAY ET UX	RESOURCE EXPLORATION	11/2/1972	. D11-N	007-W	26	Londonderry	20-000205.000 20-0000455.000 20-0000460.000 20-0001323.000 20-0000463.000 20-0000770.000		ОН	70	685	•
OH01.01001242-000	DONALD MCCLELLAND	PENN INDUSTRIAL ENERGY CORP	7/11/1972	011-N	007-W	26, 27	Londonderry	20-0000771.000 20-0000772.000 20-0000773.000 20-0000774.000 20-0000775.000 20-0000776.000 20-0000777.000	: Guerrisey	OH	70	235	æ
OHQ101001243-000	KENNETH G MCCLELLAND ET	PENN INDUSTRIAL ENERGY CORP	7/11/1972	011-N	007-W	26	Londonderry	20-0000778.000 20-0000466.000 20-0000467.000 20-0000468.000	Guernsey	ОН	70	237	26677
OH0101001244-000	JOHN MCEHANEY ET UX	BAIRD AND BIRD	5/18/1966	011-N	007-W	26	Londonderry	20-0000102.000	Guernsey	ОН	55	395	4591
OH0101001245-000	GLEN T BEAL ET UX	CARRIZO (UTICA) LLC	8/30/2012	004-N	002-W	12	Monroe	26-0000011.001	and the same of the same of the same		493	2915 177-178	201200008128
OH0101001245-004	FREDERICK R MCKINNEY	CARRIZO (UTICA) LLC	1/18/2013	008-N	009-W	12	Richland	31-0000459.000	Guernse	/: OH	499	1//-178	AU13UUUUU/25

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Exhibit A-2 **LEASES - Guernsey County**

LEASE NUMBER	LESSOR	LESSEE	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCEL LO.	COUNTY	STATE	BOOK	PAGE	INSTRUMEN(NUMBER
H0101001247-000	DONALD A ADKINS ET UX	CARRIZO (UTICA) LLC	8/30/2012	004-N	002-W	10	Monroe	26-0000001-000	Guernsey	OH	493	2917	201200008129
0H0101001248-000	JAMES CEMLER ET UX	CARRIZO (UTICA) LLC	8/30/2012	004-N	002-W	10	Monroe		Guernsey		497	2135	201200011604
OHO101001249-000	DAVID E DOBBINS ET UX	CARRIZO (UTICA) LLC	9/6/2012	004-N	002-W	10	Monroe		Guernsey	ОН	493	2919	201200008130
OHO101001250-000	RICKY L BRYAN ET UX	CARRIZO (UTICA) LLC	9/5/2012	004-N	002-W	9, 11	Monroe	26-000012.002 26-000012.003 26-000012.004 26-000013.005	Guernsey	ОН	494	62	201200008297
OHO101001252-000	ROY L BURNS	CARRIZO (UTICA) LLC	9/5/2012	001-N	002-W	21	: Richland	31-0002894.006	Guernsey	OH	494	81-82	201200008305
OH0101001253-000		CARRIZO (UTICA) LLC & ACP III UTICA	10/5/2012	004-N	002-W	22	Monroe	26-0001192.000	Guernsey	ОН	495	837-838	201200009452
OHO101001257-000	MICHAEL A WARNER ET UX	CARRIZO (UTICA) LLC	9/12/2012	001-N	001-W	29	Richland	31-0001458.000	Guernsey	OH	494	2799-2800	201200008972
OH0101001258-000	LARRY GREEAR	CARRIZO (UTICA) LLC & ACP III UTICA	10/12/2012	003-N	001-W	5	Madison	22-0001034.009	Guernsey	OH	495	2126	201200009731
OH0101001259-000	JOHN B BARDALL ET UX	CARRIZO (UTICA) LLC	10/31/2012	011-N	007-W	27	Londonderry	20-0000469.000	Guernsey	OH	496	561-562	201200010274
OH0101001260-000	SCOTT L DINGES	CARRIZO (UTICA) LLC	10/11/2012	001-N	001-W	23	Richland	31-0000243.001	Guernsey	OH	495	2124-2125	
OH0101001261-000	RICKY L BRYAN ET UX	CARRIZO (UTICA) LLC	9/5/2012	002-N	002-W	4	Center	08-0000207.004	Guernsay	OH	494	68	201200008299
OH0101001263-000	PATRICK T BAKER ET AL	CARRIZO (UTICA) LLC & ACP UI UTICA	10/31/2012	004-N	002-W	12	Monroe	26-0000117-006	Guernsey	ОН	497`	1754	201200011487
OH0101001264-000	GEORGE T LEPI ET UX	CARRIZO (UTICA) LLC	10/6/2012	004-N	002-W	13	Monroe	26-0001633.000	Guerrisey	OH	495	2118-2119	201200009727
OH0101001265-000	TOBIE J YOUER ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	10/3/2012	004-N	001-W	4	Washington	40-0000095.000	Guernsey	OH	495	846-848	201200009456
OH0101001266-000	DAVID M HALSEY ET UX	CARRIZO (UTICA) LLC &	10/4/2012	, 004-N	002-W	12	Monroe	26-0000184.000	,	٠	495	843-845	201200009455
OHO101001267-000	JOYCE MICHAELS ET VIR	CARRIZO (UTICA) LLC	9/29/2012	004-N	001-W	18	Washington	40-0000032.000	Guernsey	OH	494	2813-2814	201200008979
OH0101001268-000	PAUL R MCGOWAN	CARRIZO (UTICA) LLC	9/29/2012	004-N	002-W	8	Monroe	26-0001663.000 26-0001665.000	Guernsey	ОН	494	2815	201200008980
OH01010012 69- 000	BONNIE A SORENSON	CARRIZO (UTICA) LLC & ACP III UTICA	10/3/2012	001-N	001-W	ML 29	Richland	31-0000454.013			495	839-840	201200009453
OH0101001270-001	RALPH H EVANS	CARRIZO (UTICA) LLC	10/22/2012	001-N	002-W	10	Richland	31-0000102.000		OH	495		201200010029
CH0101001271-000	JEREMY A OBERMILLER ET UX	CARRIZO (UTICA) LLC	11/19/2012	011-N	007-W	27	Londonderry	20-0000469.002	Guernsey	OH	497	; 1732-1733	201200011479

LEASES - Guernsey County

LEASE NUMBER	LESSOR	त्यव	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCEL LD.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
OH0101001272-000	RICHARD P KAWA ET AL	CARRIZO (UTICA) LLC	10/6/2012	001-N	002-W	20	Richland	31-0000572,000 31-0000573,000	Guernsey	ОН	495	835	201200009451
OH0101001273-000	JOANN MONDAK	CARRIZO (UTICA) ILC & ACP III UTICA	11/1/2012	003-N	001-W	5	Madison	22-0001375.000 22-0001376.000	Guernsey	ОН	496	2477	201200010762
OHO101001274-000	GEORGE M HOYT	CARRIZO (UTICA) LLC	10/22/2012	001-N	002-W	11	Richland	31-0000264.010	Guernsey	OH	495	3083-3084	201200010028
OH0101001275-000	FRED J DUNCAN ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	10/8/2012	003-N	001-W	5	Madison	22-0001034.007	Guernsey	ОН	495	2110-2112	201200009724
OH0101001276-000	CHAD A HASTINGS ET UX	CARRIZO (UTICA) LLC	10/9/2012	001-N	001-W	2	Wills	44-0001057.000 44-0001064.001	Guernsey	ОН	495	2128	201200009732
OH0101001277-000	HOWARD R ROE ET UX	CARRIZO (UTICA) LLC	10/10/2012	001-N	001-W	2	Wils	44-0001063.003 44-0001064.000	Guernsey	ОН	495	2120-2121	201200009728
OH0101001278-001	THE CHANDLER FAMILY TRUST	CARRIZO (UTICA) LLC	11/2/2012	004-N	002-W	19, 20	Monroe	26-0000045.000	Guernsey	OH	496	2500	201200010770
OH0101001279-000	THE ORENDA TRUST	CARRIZO (UTICA) LLC &	11/5/2012	004-N	002-W	22	Monroe	26-0000034.000	Guernsey	ОН	497	. 7	201200011027
OH0101001280-000	LARRY C STARCHER ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	11/13/2012	003-N	001-W	5	Madison	22-0001379.010	Guernsey	ОН	497	1122	201200011337
OH0101001281-000	JAY A WEBB ET UX	CARRIZO (UTICA) LLC &	10/14/2012	004-N	002-W	18	Monrae	26-0001578.000	Guernsey	ļ	495	2113	201200009725
OH0101001282-001	GERALD L DUSZ ET AL	CARRIZO (UTICA) LLC	2/23/2013	003-N	001-W	3	Madison	22-0000560.000		OH	500	,	201300001785
OH0101001282-002	MARY MCQUAIN	CARRIZO (UTICA) LLC	5/1/2013	003-N	001-W	n = 3	Madison	22-0000560.000	i wame - mil	4 1 222	502	3143	201300003927
OH0101001283-000	RICHARD L DUNCAN TRUSTEE	CARRIZO (UTICA) LLC	9/27/2012	004-N	002-W	20	Monroe	26-0000144.000 44-0000133.008 44-0000133.009	1	CH	494	2819-2820	201200008982
OH0101001284-000	WINDFIELD GROUP LLC	CARRIZO (UTICA) LLC &	11/16/2012	001-N	001-W	2, 5	Wills/Madison	44-0000133.014 44-0000133.015	Guernsey	ОН	497	1132-1135	201200011341
er y ay ny ny ny mananana na areny ar		CARRIZO (UTICA) LLC	10/30/2012	001-N	001-W	. 4QT	Richland	22-0001034.023 22-0001034.033 31-0002576.000	Guernsey	ОН	496	2498-2499	201200010769
OH0101001285-000	DAWN M PODOBNIK	CARRIZO (UTICA) LLC &	4 6	7	1		1 2011-1-22	to the time and the same		1	407	3 2007	201200010030
ОНО101001287-000	STEVEN A SHAFFER ET UX	ACP HI UTICA	10/25/2012	004-N	002-W	22	Monroe	26-0001583.001	Guemsey	OH	495	3067	301200010030

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LEASE NUMBER	LESSOR	Rigit	EFFECTIVE DATE	TOWNSHIP	RANGE	<u>SECTION</u>	TOWNSHIP NAME	TAX PARCEL LD.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT MUMBER
OHO101001288-000	DAIL A CLITTER ET HY	CARRIZO (UTICA) LLC & ACP III UTICA	11/2/2012	003-N	001-W	5	Madison	22-0001379.006	Guernsey	ОН	496	2483	201200010764
OHD101001290-001		CARRIZO (UTICA) LLC	10/25/2012	004-N	002-W	12	Monroe	26-0000043.000 26-0000041.000 26-0000049.000	Guernsey	ОН	496	563	201200010275
OH0101001291-000	JAMES O WARREN	CARRIZO (UTICA) LLC & ACP III UTICA	10/29/2012	003-N	001-W	5	Madison	22-0001298.000 22-0001379.011	Guernsey	ОН	496	2486	201200010765
OHO101001294-000	JOHN BOGGESS ET UX	CARRIZO (UTICA) LLC	11/3/2012	004-N	001-W	14	Washington	40-0000666.000	Guernsey	OH	496	2508	201200010774
0H0101001295-001	MONICA A VINCENT ET VIR	CARRIZO (UTICA) LLC	10/29/2012	001-N	002-W	10	Richland	31-0001497.000		OH	496	568-569	201200010277
OHO101001295-002	RONALD S MIZIKER ET AL	CARRIZO (UTICA) LLC	10/23/2012	001-N	002-W	10	Richland	31-0001497.000	Guernsey	OH	496	566-567	201200010276
OH0101001297-000	GLEN A DAVIS ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	11/7/2012	D03-N	001-W	5	Madison	22-0001379.000	Guernsey	ОН	496	2489	201200010766
OH0101001298-000	CUFFORD M MORSE ET AL	CARRIZO (UTICA) LLC	10/29/2012	001-N	002-W	10	Richland	31-0000351.000	Guernsey	OH	496	573	201200010279
OH0101001300-000	GUY J STEWARD ET UX	CARRIZO (UTICA) LLC	11/7/2012	003-N	001-W	3	Madison	22-0000802.002 22-0000802.006		. ОН	500	2810	201300002194
OH0101001302-000	CHARLES A PATTERSON ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	11/7/2012	004-N	001-W	24	Washington	40-0000190.000	Guernsey	ОН	496	2492-2494	201200010767
OH0101001303-000	PATRICK J RAFFERTY ET AL	WNTIPKA	7/23/1977	004-N	002-W	20	Monroe	26-0001628.002 26-0001628.004 26-0001628.008 26-0001628.010 26-0001628.010 26-0001628.010 26-0001628.009	Guarante	ОН	79	753	56299
								26-0001628.026 26-0001628.025 26-0001628.007 26-0001628.005 26-0001628.003 26-0001628.000	****	• • • •		i.	} !

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LEASE NUMBER	LESSOR	LESSEE	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCEL I.D.	COUNTY	STATE	BOOK	PAGE	UNSTRUMENT NUMBER
OH0101001304-000	E&J INVESTMENTS	WILLIAM N TIPKA	7/6/1977	004-N	002-W	9, 12	Monroe	26-000158.000 26-000158.001 26-0001584.000 26-0001584.001 26-0001585.000	Guernsey	ОН	79	427	S5585
OH0101001305-000	JAMES G ECK ET UX	WILLIAM N TIPKA	7/18/1977	004-N	001-W	17	Washington	40-000070.008 40-000070.007 40-000070.005 40-000070.004 40-000070.004 40-000070.002 40-000070.002 40-000070.001	Guarnsey	ОН	79	704	56196
OH0101001306-000	MELVIN F GETZ ET UX	WILLIAM N TIPKA	6/29/1978	004-N	001-W	11	Washington		Guernsey	OH	82	709	61933
OH0101001307-000	ANTHONY F GLASS ET UX	TIPKA-BARTLO OIL AND	7/24/1978	004-N	001-W	9	Washington	40-0000097.000	Guernsey	ОН	82	833	62188
OH0101001308-000	SINA P GREENWALT	TIPKA-BARTLO OIL AND GAS COMPANY	9/4/1979	004-N	001-W	10	Washington	40-0000101.001 40-0000101.000 26-0000045.000	Guerrisay	OH	85	365	68999
ОН0101001309-000	M HAROLD DOWNER	WILLIAM N TIPKA	10/29/1977	004-N	002-W	19	Monroe	26-0001160.000 26-0000047.000 26-0000047.001	Guernsey	НО	80	769	58110
OH0101001310-000	MARIE DOWNER ET VIR	WILLIAM N TIPKA	10/29/1977	004-N	002-W	12	Monroe	26-0000040.000	Guernsey	OH	. 80	771	58111
ОНО101001311-000	DONALD I HALL ET UX	WILLIAM N TIPKA	11/1/1978	004-N	001-W	9	Washington	40-0000110.002 40-0000110.001 40-0000110.000	Guernsey	OH	85	124	68048
ОН0101001312-000	HINCHCLIFF PRODUCTS CO	LYLE W STEWART	8/5/1976	004-N	001-W	: 25	: Washington	40-0000518.000 40-0000517.000 40-0000517.001 40-0000762.000	,	, OH	77	184	49797

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LEASE NUMBER	LUSSOR	LESSEE	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCEL 1.O.	COUNTY	STATE	BOOK	PAGE	INSTRUMEN NUMBER
OHD101001314-000	GRACE L DOUGHERTY ET VIR	TIPKA-BARTLO OIL AND GAS COMPANY	9/12/1979	004-N	001-W	11	Washington	40-0000630.001 40-0000630.000 40-0000544.000	Guernsey	ОН	85	394	69113
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							1	26-0001628.023 26-0001628.024				:	•
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OH0101001315-000	STEPHANIE HORTON ET AL	WILLIAM N TIPKA	6/29/1977	004-N	002-W	20	Monroe ;	26-0001628.019 26-0001628.018	į į	ОН	79	888	56445
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ОНО101001315-000	MICHAEL G COX ET UX	WILLIAM N TIPKA	6/26/1978	004-N	001-W	11	Washington	26-0001628.012 40-0000503.000		ОН	82	712	61934
OH0101001317-000	LONNIE COLVIN ET UX	WILLIAM N TIPKA	6/26/1978	004-N	001-W	11	Washington	40-0000505.000	Guernsey	OH	82	704	61931

Instrument Book Pase 201700006664 GR 552 1218

Exhibit A-2

LEASES - Guernsey County

LEASE NUMBER	LESSOR	LESSEE	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCELLO.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
ОН0101001318-001	ROBERT L LANNING ET AL	GUERNSEY PETROLEUM CORP	10/1/1977	004-N	002-W	19, 20, 22	Monroe	26-000098.005 26-000098.001 26-000098.002 26-000098.000 26-000097.001 26-000097.001 26-000096.002 26-000096.002 26-000096.002 26-000096.003 26-000096.003 26-000096.004 26-000096.004	Guernsey	OH	80	629	5782A

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LEASE NUMBER	LESSOR	15552	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCEL LD.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
OH0101001318-002	GEORGE E LANNING ET AL	GUERNSEY PETROLEUM CORP	10/1/1977	004-N	002-W	19, 20, 22	Monroe	25-000098.005 26-000098.001 26-000098.002 26-000098.002 26-000097.001 26-000097.001 26-000096.002 26-000096.002 26-000096.003 26-000096.003 26-000096.004 26-000096.004 26-000096.004	Guernsey	ОН	80	625	57825
ОН0101001320-000	FRANCIS L LARRICK ET UX	WILLIAM N TIPKA	11/2/1977	004-N	002-W	22, 23	Monroe	26-0001123.001 26-0001123.000 26-000100.000 26-0001123.000 26-0000174.000 26-0000101.000		ОН	80	m	58114
OH0101001321-000	FRANCES L LARRICK ET AL	WILLIAM N TIPKA	10/26/1977	004-N	002-W	11, 12	Monroe	26-0001972.000 26-0000037.000	Guernsey	ОН	82	534	61526
OHO101001322-001	LLOYD W LEESBURG	WILLIAM N TIPKA	5/5/1980	004-N	001-W	11	Washington	40-0000028.000 40-0000027.000	Guernscy	ОН	86	909	, 72440
OH0101001322-002	RONALD'S BOWEN ET UX	WILLIAM N TIPKA	12/12/1979	004-N	001-W	11	Washington	40-0000028.000 40-0000027.000		ОН	86	911	72441
OH0101001324-000	AVA E CARTER	WILLIAM N TIPKA	8/31/1977	004-N	002-W	19	Monroe	26-0000027.000 26-0000026.000	Chemical	ОН	79	970	56594

LEASES - Guernsey County

LEASE NUMBER	LESSOR	LESSEE	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCEL I.D.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
OH0101001326-000	JOSEPH P CIPCIC ET UX	CARRIZO (UTICA) LLC &	11/14/2012	003-N	001-W	5	Madison	22-0001034.010	Guernsey	OH	497	1736	201200011481
OHQ101001327-000	VIOLA BRADFIELD	TIPKA-BARTLO OIL AND GAS COMPANY	2/13/1978	004-N	001-W	25	Washington	40-0000029.000 40-0000029.001 40-0000029.002		ОН	81	669	59632
ОН0101001328-000	ROMA L MILLER ET UX	TIPKA-BARTLO OIL AND GAS COMPANY	10/31/1977	004-N	002-W	22	Monroe	26-0001557.002 26-0001557.000 26-0001557.003 26-0001557.001	Guernsey	ОН	80	918	58382
ОНО101001329-000	SYLVESTER MILLER ET UX	WILLIAM M TIPKA	6/22/1977	004-N	002-W	11	Monroe	26-0000120.001 26-0000119.000 26-0000120.000 26-0000121.000	: Guernsey !	ОН	79	367	55406
OH0101001330-000	WALDO C MILLER ET UX	WILLIAM N TIPKA	7/20/1977	004-N	002-W	11,20	Monroe	26-000124.000 27-000359.000 26-000066.000 26-0000124.001 26-0000122.000	Guernsey	ОН	79	702	56195

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Exhibit A-2 LEASES - Guernsey County

<u>1ESSOR</u>	LESSEE	LEASE EFFECTIVE DATE	<u>TOWNSHIP</u>	range	SECTION	TOWNSHIP NAME	TAX PARCEL LD.	COUNTY	STATE	BOOK	PAGE	MSTRUMENT NUMBER
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WALTER BONNELL ET UX	,	3/9/1977	004-N	002-W	21, 25	Monroe		Guernsey	(OH	78	530	
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ALBERT G SLIMBOSKY ET UX	WILLIAM N TIPKA	9/2/1977	004-N	001-W	8, 9	Washington	40-0000219.000	: Guernse	, ОН <u>-</u>	80	16	5674
	WALTER BONNELL ET UX	WALTER BONNELL ET UX CORP	MALTER BONNELL ET UX NATIONAL PETROLEUM CORP 3/9/1977	MATIONAL PETROLEUM 3/9/1977 COA-N	LESSEE EFFECTIVE TOWNSHIP RANGE DATE MATIONAL PETROLEUM 3/9/1977 Q04-N Q02-W	LESSER LESSEE EFFECTIVE TOWNSHIP RANGE SECTION NATIONAL PETROLEUM 3/9/1977 004-N 002-W 21, 25	WALTER BONNELL ET UX NATIONAL PETROLEUM CORP 1004-N 002-W 21, 25 Monroe	LESSER LESSEE EFFECTIVE TOWNSHIP RANGE SECTION NAME TAX PARCELLE. 1.0000774.000 40.0000774.000 40.0000774.000 40.0000775.000 40.0000775.000 40.0000775.000 40.0000775.000 40.0000775.000 40.0000776.000 40.00000776.000 40.00000776.000 40.00000776.000 40.00000776.000 40.00000776.000 40.00000776.000 40.00000776.000 40.00000776.000 40.00000776.000 40.000000000000000000000000000000	LESSER EFFECTIVE DATE DOWNSHIP RANGE SECTION DOWNSHIP NAME TAX PARCELLD. COUNTY	LESSOR LESSEE EFFECTIVE TOWNSHIP RANGE SECTION TAX PARCELLE. COUNTY STATE	LESSOR LESSE EFFECTIVE DATE TOWNSHIP RANGE SECTION NAME TAX PARCELLD. COUNTY STATE BOOK ACCOUNTY STATE BOOK WALTER BONNELL ET UX NATIONAL PETROLEUM CORP ACCOUNTY STATE BOOK ACCOUNTY STATE ACCOUNTY ST	LESSOR LESSEE EFFECTIVE TOWNSHIP PANGE SECTION NAME TAX PARCELLD. COUNTY STATE BOOK PAGE

LEASE NUMBER	LESSOR	LESSEE	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP HAME	TAX PARCELLD.	COUNTY	STATE	BOOK	PAGE	NUMBER
ОН0101001334-001	A A A ROOM OF THE PROPERTY AND A SECOND SECO	ENTERPRISE GAS AND OIL INC	7/10/1980	CO2-N	001-W	22	Wills	44-000272.001 44-000272.002 44-000272.003 44-000272.004 44-000272.006 44-000272.006 44-000272.008 44-000272.010 44-000272.011 44-000272.013	1	ОН	85	955	72488
OH0101001335-000	RICHARD PATTERSON SR ET	W N TIPKA W N TIPKA	7/16/1977 7/27/1978	004-N 004-N	001-W	24	Washington Washington	40-0000149.000	Guernser Guernser		79 82	565 905	55871 62449
OH0101001336-000 OH0101001337-000	DAVID PETERSON ET AL	W N TIPKA	9/2/1977	004-N	001-W	9	Washington	40-0000633.000 40-0000633.000 40-0000148.000 40-0000147.000	Guernse	у ОН	80	18	
OH0101001338-000	MARTHA I BERTINE ET AL	W N TIPKA	8/2/1978	004-N	001-W	10	Washington	40-0000610.00	O Guernse O Guernse	у; ОН ;	82	903	02443
OH0101001339-000	THE BIG BROTHER TRACT	w n tipka	7/1/1977	004-N	001-W	8, 13	Washingto	: 40-0mmooa.nc	O Guernsi O	но м	79	445	55601
OHO101001340-000 OHO101001341-001	RALPH E AIKIN CLAUDIA M BANWART ET VIR	GUERNSEY PETROLEUM BARTLO OIL AND GAS COMPANY	11/4/197 10/25/198		002-W		Morroe Wills	40-0000688.00 26-0000003.00 44-0000996.00 44-0000997.00	10 Guerns 10 Guerns	,	80 87	863 857	58281 74943

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Exhibit A-2 **LEASES - Guernsey County**

LEASE NUMBER	LESSOR	TESTA	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCEL I.D.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
HD101001341-002	**************************************	TIPKA-BARTLO OIL AND	5/6/1981	001-N	001-W	1	Wills	44-0000995.000 44-0000997.000	Guernsey	ОН	90	75	78189
H0101001341-003	RUSSELL EDMUND YERIAN	TIPKA-BARTLO OIL AND	4/7/1981	001-N	001-W	1	Wills	44-0000996.000 44-0000997.000	Guernsey	ОН	89	730	77551
H0101001344-001	HAROLD HOLMES ET AL	TIPKA-BARTLO OIL AND	10/6/1980	001-N	001-W	1	Wills	44-0000600.000	Guernsey	ОН	91	901	81425
H0101001345-001	JERRY BATES ET UX	TIPKA-BARTLO OIL AND	1/25/1980	001-N	001-W	2	Wills	44-0000687.000	Guernsey		86	226	71273
H0101001346-001	HOWARD E ROE ET UX	PETER A BARTLO	1/31/1979	001-N	001-W	2	Wills	44-0000686.000 26-0000013.001	Guernsey	OH	84	449	65562
OHO101001347-000	VERNON BEAL ET UX	W N TIPKA	6/25/1977	004-N	002-W	10, 11	Monroe	26-000013.002 26-000013.003 26-000013.004 26-000013.005 26-000014.000	Guernsøy	· ·	7 9	433	55588 62450
OH0101001348-000 OH0101001349-000	ISABELLE G SHEPHERD GUY JOSEPH STEWARD ET AL	W N TIPKA NATIONAL PETROLEUM CORPORATION	7/27/1978 9/23/1977	004-N	001-W	25	Washington Washington	40-0000225.000 40-0000226.000	Guernse		80	291	57263
OH0101001350-000	VIRGIL TEDRICK ET UX	NATIONAL PETROLEUM	3/24/1977	004-N	001-W	17	Washington	40-0000230.000 40-0000229.000	: Guemse	у; ОН	78	664	53568
OH0101001351-000	KENNETH EUGENE WARNOCH	The second section is	6/28/1977	004-N	002-W	20	Monroe	26-0000173.000		у ОН	79	373	55424
OH0101001352-000	RAYMOND WARNOCK ET AL	W N TIPKA	7/16/1977	004-N	001-W	24	Washington	40-0000240.00	Guernse		79	561	55860
OHD101001353-000	KENNETH WARNOCK ET AL	W N TIPKA	7/16/1977	004 <u>-N</u>	001-W	24	Washington	40-0000239.00	D : Guernse	y OH	79	5 <u>63</u>	<u>. 55870</u>

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LEASES - Guernsey County

LEASE NUMBER	LESSOR	LESSEE	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCEL I.D.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT MUMBER
DH0101001354-000	MARCON D VOUC ET LIV	TIPKA-BARTLE OIL AND GAS COMPANY	7/21/1978	004-N	602-W	21, 22	Monroe	26-000182.001 26-000182.003 26-000182.003 26-000181.001 26-000181.002 26-000181.003 26-000181.005 26-000181.005 26-000181.007 26-000181.007 26-000181.008 26-000181.010 26-000181.010	A to many to company and give state of the contract of the con	OH	82	890	62413
ОН0101001355-000		W N TIPKA	8/25/1979		001-W	12	Washington	40-0000256.010 40-0000256.006 40-0000256.007 40-0000256.002 40-0000256.012 40-0000256.000	Guernse	!	499	822 676-680	72320
OHO101001357-000	B3 MINERALS LLC	TXC ENERGY LLC	11/16/201	2 001-N	001-W	11	Millwood	31-0000417.000	1		-	1	•
OHO101001358-000	KENNON JOSEPH POTTS ET U	-CADOITO / ITICA\ 11C	4/4/2012	: 001-N	001-W	ML 40, 2Q	Richland	31-0000420.000		Y; OH	488	509	201200002637

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LEASE NUMBER	LESSOR	<u> 1535</u> FF	LEASE EFFECTIVE DATE	TOWNSHIP	EANGE	SECTION	TOWNSHIP HAME	TAX PARCEL LD.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
OH0101001359-000	MICHAEL D MAYLE ET UX	CARRIZO (UTICA) LLC &	11/13/2012	003-N	001-W	5	Madison		1		497	15-17	201200011030
0H0101001360-000	NEILT FASSINGER ET UX	W N TIPKA	12/16/1978	004-N	001-W	17	Washington	40-0000113.000	Guernsey	OH	85	122	68035
OHO101001361-000	RICHARD M FORDYCE ET UX	W N TIPKA	11/17/1978	004-N	001-W	17	Washington	40-0000852.000 40-0001750.000	Guernsey	OH	85	120	68034
)H0101001362-000	MICHAEL T CYGAN ET AL	CARRIZO (UTICA) LLC &	11/9/2012	001-N	001-W	13	Richland	31-0000543.007 31-0000543.008	Guerniey	ОН	501	219-221	201300002415
OH0101001363-000	JASON ECKMAN ET UX	CARRIZO (UTICA) LLC B.	11/15/2012	004-N	002-W	12	Monroe	26-0000112.015	Guernsey	ОН	497	1742	201200011483
DH0101001364-000	DAVID H RABER ET UX	CARRIZO (UTICA) LLC	11/16/2012	003-N	001-W	3	Madison	22-0000619.000 22-0000186.000	Guernsey	ОН	497	24-26	201200011033
ОНО101001366-000	LINDA HICKMAN	CARRIZO (UTICA) LLC	11/15/2012	001-N	001-W	ML5	Richland	31-000148.000 31-0001032.000 31-0001034.000 31-0001040.000 31-0001041.000 31-0001064.000	Guernsey	ОН	496	2480-2482	201200010763
OH0101001368-001	BAG TRUST	CARRIZO (UTICA) LLC &	11/12/2012	001-N	002-W	1, 10	Wills/Richland	46-0000011.000 31-0000119.000		OH	497	18	201200011031
OH0101001368-002	GMG TRUST	CARRIZO (UTICA) LLC &	11/12/2012	001-N	,002-W	1, 10	Wills/Richland	46-0000011-000 31-0000119-000	: GUARREA	ОН	497	9	201200011028
OH0101001369-000	CHAD KARSTEN WITTMER ET	CARRIZO (UTICA) LLC	11/19/2012	003-N	· 001-W	3	Madison	22-0000704.000 22-0000704.002	: GIRBITISM	/ ОН	497	12	201200011029
OH0101001370-000	TIMOTHY RABER ET UX	CARRIZO (UTICA) LLC	11/16/2012	003-N	001-W	3	Madison	22-0000190.000	Guernsey	/ OH	497	.;	201200011025
OH0101001371-000	MICHAELT CYGAN ET AL	CARRIZO (UTICA) LLC & ACP III UTICA	11/9/2012	001-N	001-W	9, 12	Richland	31-0000571.000 31-0000006.000	i čilanmska	у ОН	501	1046-1048	201300002606
OH0101001372-000	LINDA J ORTH	CARRIZO (UTICA) LLC & ACP NI UTICA	11/20/2012	003-N	001-W	5	Medison	22-0001034.015			497		201200011482
OHO101001376-000 OH0101001377-000	KATHRYN A ROE ET AL KATHRYN A ROE	CARRIZO (UTICA) LLC CARRIZO (UTICA) LLC	11/16/2012		001-W	2	Wills	44-0001063.000 44-0001038.000		N. Jr	498 498		201300000320 201300000232

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H0101001378-000	KATHRYN A ROE	CARRIZO (UTICA) LLC	11/16/2012	001-N	001-W	2	Wills	44-0001063.001	Guernsey	OH	498	2189	201300000324
OHO101001379-000	BRANDY K BAST	CARRIZO (UTICA) LLC &	11/20/2012	001-N	001-W	2	: Wills	44-0000133.000	Guernsey	ОН	497	1751	201200011486
OH0101001380-000	CHARLES R WALLACE ET AL	CARRIZO (UTICA) LLC	12/1/2012	004-N	002-W	19	Monroe	26-0000171.000	Guernsey	OH	498	2195-2197	201300000327
OH0101001381-000	GARY L COMPTON	CARRIZO (UTICA) LLC & ACP III UTICA	11/28/2012	004-N	002-W	22	Monroe	26-0002077,001 26-0001151,000 26-0002078,000	Guernsey	ОН	497	1748	201200011485
OH0101001383-000	ROY D JORDAN ET UX	CARRIZO (UTICA) LLC &	11/30/2012	004-N	001-W	8	Washington	40-0000004.000 40-0000003.000	Guernsey	ОН	498	2163-2165	201300000316
OH0101001384-000	THOMAS A SEIDL ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	12/8/2012	001-N	001-W	2	Wills	44-0000125.000	Guernsey	ОН	498	2168-2170	
OHO101001385-001	JEANNE E TROUTMAN REV	CARRIZO (UTICA) LLC	12/7/2012	001-N	001-W	18	Richland	31-0003005.002	Guernsey	OH	498	2901	201300000514
OHO101001385-002	DERLA TROUTMAN FAMILY	CARRIZO (UTICA) LLC	12/7/2012	001-N	001-W	18	Richland	31-0003005.002	Guernsey	ОН	498	2898	201300000513
OHO101001386-000	ADEN J FRAME ET UX	CARRIZO (UTICA) LLC &	12/6/2012	001-N	001-W	9	Millwood	23-0000250.010	Guernsey	ОН	498	2160-2162	201300000315
DH0101001387-000	CLARENCE E NEWCOMER ET	CARRIZO (UTICA) LLC & ACP III UTICA	12/5/2012	001-N	002-W	21	Richland	31-0001193.000 31-0001194.000	Guernsey	OH	498	1867-1839	201300000235
ОН0101001388-000	RONALD K CONNER ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	12/3/2012	001-N	002-W	21	Richland	31-0000062.000	Guernsey	ОН	498	1849	201300000239
OH0101001391-000	JAMES GEARHART	CARRIZO (UTICA) LLC &	12/10/2012	001-N	002-W	21	Richland	31-0002548.000	Guernsey	ОН	498	2171	201300000319
OH0101001392-000	LOUIS R BRAHLER ET UX	CARRIZO (UTICA) LLC &	12/7/2012	003-N	002-W	1	Jefferson	13-0000484.000	Guernsey	ОН	498	2158	201300000314
OH0101001396-000	DANIEL R ABRAMS ET UX	CARRIZO (UTICA) LLC &	12/6/2012	011-N	007-W	. 3	Londonderry	20-0000114.000	4	ОН	498	1833-1834	201300000233
OH0101001397-000	ROBERT LEE HALL ET UX	CARRIZO (UTICA) LLC &	12/6/2012	011-N	007-W	3	Londonderry	20-0000250.000 20-0000471.000	: Guerreen	OH	498	1846-1848	201300000238
OH0101001398-000	MARGARET A BEST	CARRIZO (UTICA) LLC & ACP III UTICA	12/12/2013	011-N	007-W	3	Londonderry				498		201300000234
OH0101001399-000	MARY M MCQUAIN ET AL	CARRIZO (UTICA) LLC	4/19/2013	003-N	001-W	8	Madison	22-0000076-000	Guernse	<u>сі ОН</u>	502	3145	201300003928

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LEASE NUMBER	LESSOR	TESCH	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP	TAX PARCEL LD.	COUNTY	<u>STA</u> TE	BOOK	PAGE	INSTRUMENT NUMBER
H0101001400-000	THOMAS A MCCABE JR ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	12/12/2012	004-N	002-W	8	Monroe	26-0001676.000	Guernsey	ОН	498	l	201300000229
H0101001401-000	JIM HERSHBERGER ET UX	CARRIZO (UTICA) LLC	11/28/2012	003-N	001-W	3	Madison	22-0000033.009	Guernsey	OH	497	1730-1731	201200011478
H0101001402-000	THOMAS M PERSINGER ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	12/13/2012	004-N	002-W	11	Monrae	26-0000251.000	Guernsey	ОН	498	3383	201300000649
0H0101001403-001	THE PITCHLER TRUST	CARRIZO (UTICA) LLC	9/28/2012	004-N	002-W	20	Monroe	26-0000141.000	Guernsey	OH	494		201200008981
OHO101001404-000	MARY ANN NOLAND ET VIR	CARRIZO (UTICA) LLC	1/26/2013	003-N	001-W	3	Madison	22-0000033.010	Guernsey		500	340	201300001600
0H0101001408-000	JOHN R LEEDY ET UX	CARRIZO (UTICA) LLC	12/13/2012	003-N	001-W	.3	Madison	22-0000033.003	Guernsay	OH	498	2893	201300000511
OH0101001410-000	SHAWN M LASKO ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	12/18/2012	001-N	002-W	11	Richland	31-0000248.001	Guernsey	OH	498	2923	201300000522
OHO101001411-000	LARRY E MASON JR ET UX	CARRIZO (UTICA) LLC	1/3/2013	001-N	001-W	9	Millwood	23-0000250.015		OH	498	2891-2892	201300000510
DH0101001412-000	TRIPLE T MINERAL HOLDINGS	CARRIZO (UTICA) LLC	12/19/2012	003-N	002-W	1,5	Jefferson	13-0000035.000 22-0000164.003	i Guernauv	ОН	498	2204	201300000330
OH0101001413-000	WILLIAM TEDRICK ET UX	CARRIZO (UTICA) LLC &	12/26/2012	011-N	007-W	26	Londonderry	20-0000859.000	Guernsey	ОН	498	2895	201300000512
OH0101001414-000	ROBERT LEE HALL ET UX	CARRIZO (UTICA) LLC &	12/6/2012	011-N	007-W	3	Londonderry	20-0000642.000 20-0000643.000	. CHEMOTISCON	ОН	498	1861	201200010762
OH0101001416-000	BARBARA M BATAL	CARRIZO (UTICA) LLC &	1/9/2013	001-N	001-W	ML5	Richland	31-0000101.001	Guernsey	ОН	498	3378-3379	201300000647
OH0101001418-000	CASEY A STEPHENS ET UX	CARRIZO (UTICA) LLC &	1/12/2013	009-N	007-W	32	Millwood	25-0000008.000 25-0000061.000	Guernsey	ОН	499	1004	201300000953
OH0101001419-000	PATRICK E NICHOLAS ET UX	CARRIZO (UTICA) LLC &	1/11/2013	003-N	002-W	. 1	Jefferson	13-0000515.001	Guernsey	ОН	499	1002	201300000952
OH0101001420-001	DAVID L TRITT ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	2/16/2013	904-N	002-W	11	Monroe	26-0000191.000	Guernsey	OH	500	312	201300001590
OH0101001420-002	CLIFTON FOY FRASHER	CARRIZO (UTICA) LLC & ACP III UTICA	1/24/2013	004-N	002-W	11	Monroe	25-0000191.000	Guernsey	OH	500	315	201300001591
OH0101001420-003	KATHLEEN A BRICKER ET VIR	CARRIZO (UTICA) LLC & ACP III UTICA	1/24/2013	004-N	002-W	11	Monroe	26-0000191.000			500	318	201300001592
OH0101001421-000	THE LEVI H FAUSNIGHT REV	CARRIZO (UTICA) LLC	1/11/2013	004-N	002-W	22	Monroe	26-0001196.000			499	1029	201300000963
OH0101001422-000	GREGORY A CARPENTER ET AL	L'CARRIZO (UTICA) LLC	1/17/2013	011-N	007-W	21	Londonderry	20-0000301.000	Guernsey	/ OH	499	426	201300000802

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OH0101001426-000	LORNE G ROE ET UX	CARRIZO (UTICA) LLC	5/8/2013	001-N	001-W	9	Millwood	23-0000264,000 23-0000649.000 23-0000209.000	Guerrisey	ОН	503	608	201300004135
OH0101001427-000	TOMMY O LEWIS ET UX	CARRIZO (UTICA) LLC	1/23/2013	001-N	001-W	10	Milwood	23-0000339.000 23-0000339.012	Guernsey	ОН	499	1020	201300000959
ОН0101001428-000	CHARLES D MILLER ET UX	CARRIZO (UTICA) LLC	5/8/2013	001-N	001-W	9	Millwood	23-000175.000 31-0002506.000 31-0002700.000 31-0002701.000	Guernsey	ОН	503	602	201300004133
OH0101001429-000	CLAIRE M GATSCH ET VIR	CARRIZO (UTICA) LLC	1/23/2013	003-N	001-W	7, 14	Madison	22-0000222.000 22-0000223.000	Guernsey	OH	500	342	201300001601
OH0101001430-000	WARREN P NEWMAN ET UX	DAVID R HILL INC	6/13/2002	004-N	002-W	2	Monroe	26-0001767.000	Guernsey	OH	323	505	
OH0101001433-000	RALPH L MCCONAUGHY IR ET	CARRIZO (UTICA) LLC	1/22/2013	001-N	002-W	1	Wills	46-0000013.001	Guernsey	OH	499		201300000962
OH0101001434-000	JEFFREY N MCCONAUGHY ET	CARRIZO (UTICA) LLC	1/22/2013	001-N	002-W	1	Wills	46-0000013.002	Guernsey	OH	499	1022	201300000960
OH0101001436-001	JOHN J O'DONNELL ET UX	CARRIZO (UTICA) LLC	1/8/2013	001-N	001-W	23	Richland	31-0000411.000	Guerrisey	OH	498	2914	201300000519
OH0101001440-000	DANIEL L MURDOCK ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	1/29/2013	001-N	001-W	ML30	Richland	31-0001225.000	Guernsey	OH	500	, 2227	201300002030
OH0101001441-000	DORIS GORBY	CARRIZO (UTICA) LLC &	1/10/2013	004-N	002-W	23	Monroe	26-0001161.000	Guennsay	ОН	499	1007	201300000954
OH0101001443-000	EDWIN C VOORHIES SR	CARRIZO (UTICA) LLC &	1/30/2013	004-N	002-W	11	Monroe	26-0000247.000	Guernsey	ОН	500	323	201300001594
OH0101001444-000	FRANCIS R VITZ ET UX	CARRIZO (UTICA) LLC	12/28/2012	004-N	002-W	22	Monroe	26-0002009.000	Guernsey	OH	498	2207	201300000331
OH0101001448-000	RUSSELL MARONI ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	2/1/2013	004-N	002-W	13	Monroe	26-0000050.000	Guernsey	ОН	500	329	201300001596
OH0101001449-000	KENNETH W SPERO	CARRIZO (UTICA) LLC & ACP III UTICA	12/19/2012	004-N	002-W	23	Monroe	26-0002556.000	Guernsey	ОН	498	2209	201300000332
OH0101001450-000	HAROLD MICHAEL FLIGER ET	CARRIZO (UTICA) LLC & ACP III UTICA	12/8/2012	003-N	001-W	15	Madison	22-0000326.001	Guernsey	ОН	498	2153-2154	201300000312
OH0101001451-000	RICHARD A DUMPERTH ET UX	CARRIZO (UTICA) LLC	2/11/2013	011-N 004-N	007-W	33 20	Londonderry Washington	20-0000144.000 40-0000665.000	Guernsev	ОН	500	1037	201300001783

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OH0101001452-001	GENE BURGA ET UX	PAULA BARTLO	12/18/1978	001-N	001-W	1	Wills	44-0000656.000 44-0000074.000 44-0000074.001 44-0000600.000	Guentsey	ОН	84	115	64957
0H0101001454-000	WARREN P NEWMAN ET UX	CARRIZO (UTICA) LLC	2/26/2013	004-N	002-W	2	Monroe	26-0001767.000	Guernsey	OH	501	1042	201300002604
0H0101001455-001	WARREN P NEWMAN ET UX	CARRIZO (UTICA) LLC	2/26/2013	004-N	002-W	2	Monroe	26-0000126.000	Guentsey	OH	500	2879	201300002221
OH0101001456-000	WARREN P NEWMAN ET UX	CARRIZO (UTICA) LLC	2/26/2013	004-N	002-W	2	Monroe	26-0001767.001	Guernsey	OH	500	2858	201300002214
OH0101001457-000	EDWARD C TURNER ET UX	CARRIZO (UTICA) LLC	6/25/2013	002-N 001-N	001-W	22 2	Wills	44-000615.000 44-000103.000 44-000101.000 44-000102.000 44-000104.000 44-0000872.001	Guernsey	ОН	505	298	201300005663
OH0101001458-000	JOHN H SCURLOCK	CARRIZO (UTICA) LLC	6/25/2013	001-N	001-W	2	Wills	44-000868.001 44-0000122.000 44-000098.000 44-0000873.000 44-0000872.000 44-0000872.002	Guernsey	ОН	505	289	201300005660
OH0101001459-000	ROSS M NELSON ET UX	CARRIZO (UTICA) LLC	5/8/2013	002-N	001-W	22	Wils	44-0000887.000 44-0000617.000 31-0001214.000	Guernsey	ОН	503	599	201300004132
OH0101001460-000	RUSSELL A HIGHMAN	CARRIZO (UTICA) LLC & ACP III UTICA	2/1/2013	001-N	001-W	ML30	Richland	31-0001215.000 31-0001233.000	Guernsey	ОН	500	1084	201300001800
OH0101001461-000	ANNETTE BICE	CARRIZO (UTICA) LLC & ACP III UTICA	2/9/2013	001-N	001-W	ML 30	Richland	31-0001253.000 31-0001254.000	Guernsey	ОН	500	1051	201300001789
OH0101001462-000	JAN E SCHULTICE ET AL	CARRIZO (UTICA) LLC & ACP III UTICA	2/9/2013	001-N	001-W	ML30	Richland	31-0001234.000 31-0001235.000	Guarnsey	ОН	500	1094-1098	201300001803
OH0101001463-000	ANNETTE BICE	CARRIZO (UTICA) LLC & ACP III UTICA	2/9/2013	001-N	001-W	ML30	Richland	31-0001248.000	Guernsey	ОН	500	1029	201300001779

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OH0101001464-000	MONROE TOWNSHIP	CARRIZO (UTICA) LLC & ACP III UTICA	2/21/2013	004-N	002-W	11	Monroe	27-0000359.000	Guernsey	QН	500	1060	201300001792
OH0101001466-000	DARAL B HISHMAN EL DA	CARRIZO (UTICA) LLC & ACP III UTICA	2/1/2013	001-N	001-W	ML 30	Richland	31-0001282.000	Guernsey	ОН	500	1045	201300001787
OH0101001467-000	STEVEN MITHABUREE	CARRIZO (UTICA) LLC & ACP III UTICA	2/6/2013	003-N	002-W	1	Jefferson	13-0000515,003	Guernsey	ОН	500	1031	201300001780
OH0101001468-000	LEON K BECKER	CARRIZO (UTICA) ILIC	2/2/2013	004-N	001-W	18	Washington	40-0000455.001	Guernsey	ОН	500	338	201300001599
OH0101001469-001	JERRY L REGULA ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	2/21/2013	004-N	002-W	4	Monroe	27-0000023.000	Guernsey	ОН	501	216	201300002414
OH0101001470-000	THE AGREEMENT OF TRUST OF JAMES AND HELEN	CARRIZO (UTICA) LLC & ACP III UTICA	2/28/2013	004-N	001-W	9	Washington	40-0000198.000	Guerrsey	ОН	500	2242	201300002035
OH0101001471-000	ADELSYS REALTY LLC	CARRIZO (UTICA) LLC & ACP IN UTICA	3/5/2013	003-N	001-W 002-W	5	Madison Jefferson	22-0000164.002 13-0000035.001	Guernsey	ОН	500	2860	201300002215
OH0101001472-000	GUY I STEWARD ET UX	CARRIZO (UTICA) LLC	4/29/2013	004-N	001-W	16	Washington	40-0000109.000	Guerraey	DH	503	579	201300004124
OH0101001477-001	LEEPER OIL AND GAS	CARRIZO (UTICA) LLC	11/16/2012	004-N	001-W	14	Washington	40-0000066.000	Guerrsey	OH	497	1734	201200011480
OH0101001477-002	GAROLD W GREENLESS ET UX	CARRIZO (UTICA) LLC	11/16/2012	004-N	001-W	14	Washington	40-0000066.000	Guernsey	OH	497	1125	201200011338
OH0101001478-000	JUDITH K ROSS	CARRIZO (UTICA) LLC & APC III UTICA	1/26/2013	002-N	002-W	21	Wills	44-0000534.000	Guernsey	ОН	499	1883	201300001138
OH0101001479-000	PAULINE PALT	CARRIZO (UTICA) LLC	2/6/2013	001-N	002-W	1	Wills	46-0000002.000	Guarnsey	OH	500	321	201300001593
OH0101001480-000	LARRICK KEYSTONE	CARRIZO (UTICA) LLC	3/25/2013	004-N	002-W	23	Monroe	26-0002658.000	Guerraey	OH	501	1044	201300002605
OH0101001482-000	IAMES A NEEL ET UX	OHTEX ENERGY COMPANY	11/19/2010	004-N	001-W	7	Washington	40-0000089.000 40-0000203.001 40-0000550.000	Guernsey	ОН	477	1117	201100001612
OH0101001483-000	KENNETH BASE ET UX	OHTEX ENERGY COMPANY	9/13/2010	001-N	002-W	10	Richland	31-0000279.002	Guerrisey	OH	473	730	201000004194
OH0101001484-000	JON W SEDOR	OHTEX ENERGY COMPANY	9/3/2010	001-N	001-W	8, 13	Richland	31-0002459.000 31-0000146.000	Guerrsey	ОН	487	1756	201200002011
OH0101001485-000	HOWARD BASE ET UX	OHTEX ENERGY COMPANY	9/17/2010	001-N	002-W	11	Richland	31-0000018.000 31-0000020.000	Guernsey	OH	473	3205	201000004765
OH0101001486-000	JEFFREY R WILLIAMS ET AL	CARRIZO (UTICA) LLC	2/11/2013	001-N	002-W	i	Wills	46-0000026.000 46-0000027.000	Guerrsey	ОН	500	1075	201300001797

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OH0101001487-000	JEFFREY R WILLIAMS ET UX	CARRIZO (UTICA) ILC	2/11/2013	001-N	002-W	1	Wills	46-0000027.001 46-0000003.000	Guerrisey	ОН	500	1035	201300001782
H0101001490-000	THOMAS I RITTBERGER ET UX	CARRIZO (UTICA) LLC & ACP HI UTICA	2/28/2013	003-N	001-W	5	Madison	22-0001260,000	Guerr:sey	ОН	500	2863	201300002216
DH0101001491-000	ROBERTA NORTH-BROWNING	CARRIZO (UTICA) LLC	5/10/2013	001-N	001-W	2	Wills	44-0000872.003	Guerr sey	ОН	503	587	201300004127
H0101001492-000	JAMES H SCURLOCK	CARRIZO (UTICA) LLC	5/8/2013	001-N	001-W	2	Wills	44-0000675.000		ОН	503	594	201300004130
OH0101001493-000	DANIEL W MILLER ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	2/1/2013	004-N	002-W	11	Monroe		Guerrisey	ОН	500	2215	201300002026
OHO101001494-001	THOMAS C MILLER ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	3/20/2013	003-N	001-W	6	Madison	22-0000744.017 22-0000744.011	Guernsey	ОН	501	1028	201300002599
OHQ101001495-000	ROBERT GANO ET UX	CARRIZO (UTICA) LLC	4/11/2013	004-N	002-W	8	Monroe	26-0001667.000 26-0001671.000 26-0001673.000 26-0001675.000 26-0001677.000		ОН	501	3378	20130003100
DH0101001496-000	STEVE S STASNY ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	2/19/2013	001-N	002-W	1	Wills	46-0000021.000	Guerrsey	ОН	500	1069	201300001795
DH0101001497-000	MARK D NEWCOMER ET UX	CARRIZO (UTICA) LLC &	3/8/2013	003-N	002-W	1	Jefferson	13-0000452.000	Guernsey	ОН	500	2849	201300002211
OH0101001498-000	THE JANE SHARDN MOORE	CARRIZO (UTICA) LLC & ACP III UTICA	1/28/2013	003-N	002-W	1	Jefferson	13-0000492.000	Guerrsey	ОН	500	350	201300001604
OHO101001499-000	SHARON SEDOR	CARRIZO (UITCA) LLC &	2/15/2013	001-N	001-W	ML30	Richland	31-0001263.000	Guernsey	ОН	500	1033	201300001781
OHO101001501-000	MAX O PALMER ET AL	CARRIZO (UTICA) LLC &	2/18/2013	001-N	001-W	ML30	Richland	31-0002884.000 31-0001245.000	Guernsey	ОН	500	1048	201300001788
OH0101001502-000	CHARLES E PALMER ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	2/26/2013	001-N	001-W	ML 30	Richland	31-0001267.000 31-0001268.000 31-0001280.000	Guerrisey	ОН	500	2221	201300002028
OHO101001503-000	LUCILLE ANTHONY ET VIR	CARRIZO (UTICA) LLC &	2/21/2013	001-N	001-W	ML 30	Richland	31-0001261.000 31-0001262.000	Guerracy	ОН	500	1087	201300001801

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Exhibit A-2 LEASES - Guernsey County Attached to and made part of that cartain Assignment, Bill of Sale and Conveyance between Carrizo, Carrizo Utica

and Ascent dated effective 4/1/2017.

LEASE TOWNSHIP INSTRUMENT **LEASE NUMBER** LESSOR ESSEE EFFECTIVE TOWNSHIP RANGE SECTION TAX PARCELLD. COUNTY , STATE **POOK** PAGE NAME NUMBER DATE CARRIZO (UTICA) LLC & 13-0000454.000 OH0101001504-000 ROBERT D NEWCOMER ET UX 3/7/2013 003-N 002-W 1 Jefferson Guernsey: OH 501 225 201300002417 ACP III LLC 13-0000455.000 The second secon CARRIZO (UTICA) LLC & 31-0001198.000 OH0101001505-000 GEORGEANNA GILHAM 2/13/2013 001-N 001-W ML 30 Richland 500 1057 201300001791 ACP III UTICA 31-0001199.000 46-0000013,000 OH0101001506-000 KENNETH B LARRICK ET UX 7/26/2013 CARRIZO (UTICA) LLC 001-N 002-W 1 Wills ОН 506 1239 201300006631 40-0000017.000 31-0001005.000 31-0001475.000 CARRIZO (UTICA) LLC & 31-0000999.000 OH0101001507-000 JOHN W SCHERICH ET UX 2/25/2013 001-N 001-W ML 30 Richland 500 201300002212 Guerrisev: OH 2851 ACP III LLC 31-0001000,000 31-0001001.000 31-0001002.000 23-0000250.005 OH0101001509-001 DANIEL L MINCH JR ET UX CARRIZO (UTICA) LLC 3/23/2013 001-N :001-W Millwood 9 OH 501 1040 201300002603 23-0000250.006 23-0000250.005 CARRIZO (UTICA) LLC OH0101001509-002 PATRICK W MOORE ET UX 3/23/2013 001-N 001-W 9 23-0000250.006 501 201300003110 23-0000250.007 CARRIZO (UTICA) LLC & OH0101001510-000 RECKY WEHR 4/11/2013 001-N 001-W ML4 Richland 31-0000131.000 | Guernsey 501 3374 201300003098 ACP III UTICA CARRIZO (UTICA) LLC & OH0101001511-000 ROBIN KHAN CAREY 5/25/2013 001-N 001-W ML4 Richland 31-0000131.000 Guerrisey 503 2429 201300004519 ACP III UTICA CARRIZO (UTICA) ILC & OH0101001513-000 3/22/2013 001-W 22-0000285.002 Guernsey : 6 Madison 501 1037 201300002602 ACP III UTICA . . CARRIZO (UTICA) LLC & OH0101001515-000 GUY N FARTHING 2/26/2013 001-N 001-W ML 35 Richland 31-0000851.000 : Guernsey 500 201300002227 ACP III UTICA 31-0000839.000 31-0000841.000 ; CARRIZO (UTICA) LLC & OH0101001516-000 MICHAEL STEVEN RAY ET UX 2/16/2013 001-N :001-W ML 35 31-0000842.000 Guernsey OH 500 201300002228 ACP III UTICA 31-0000857.000 31-0000856.000

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LEASE NUMBER	LESSOR	<u>lessee</u>	EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWINSHIP.	TAX PARCEL L.D.	COUNTY	STATE	BOOK	PAGE	MSTRUMENT NUMBER
OH0101001517-000		CARRIZO (UTICA) LLC & ACP III UTICA	2/23/2013	001-N	001-W	ML 35	Richland	31-0000874.000 31-0000872.000	Guernsey	ОН	500	2855	201300002213
OH0101001518-000	ENOS D MILLER ET UX	CARRIZO (UTICA) LLC	9/12/2013	004-N	002-W	10, 11	Monroe	26-0000178.000 26-0000180.000	Guernsey	ОН	507	1785	201300007582
OHO101001519-000	AARON J YODER ET UX	CARRIZO (UTICA) LLC	9/12/2013	004-N	002-W	10, 11	Manroe	26-0000176.000 26-0000177.000 26-0000179.000	Guernsey	ОН	507	1787	201300007583
OHO101001520-000	LARRY D HARRIS	CARRIZO (UTICA) LLC & ACP III UTICA	2/20/2013	001-N	001-W	ML35	Nichtand	31-0000226.000 31-0000277.000	Guernsey	ОН	500	2230	201300002031
OH0101001521-000	GAREN W NEUHART ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	2/26/2013	001-N	001-W	2 Q	Wills	44-0000697.008	Guernsey	ОН	500	2239	201300002034
OH0101001524-000	ANTHONY F DEMATTEIS ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	5/1/2013	001-N	001-W	2	Wills	44-0000133.013	Guernsey	ОН	503	584	201300004126
OH0101001525-000	GARY W WOOD ET UX	CARRIZO (UTICA) LLC	3/14/2013	003-N	001-W	8	Madison	23-0000668.000	Guernsey	OH	501	583	201300002491
OHO101001526-000	CONNIE DICKEY ET AL	CARRIZO (UTICA) LLC	5/24/2013	004-N	001-W	11	Washington	40-0000545.000	Guernsey	ОН	503	2417	201300004514
OH0101001527-000		CARRIZO (UTICA) LLC & ACP HI UTICA	2/28/2013	001-N	001-W	ML 35	Richland	31-000863.000 31-000864.000 31-000868.000 31-000865.000 31-000866.000 31-000867.000	Guernsey	ОН	503	614	201300004137
OH0101001528-000	MICKY D BYER	CARRIZO (UTICA) LLC & ACP III UTICA	4/22/2013	004-N	002-W	12	Monroe	26-0000112.013	Guernsey	ОН	502	2467	201300003724
OH0101001530-000	KASTAK FAMILY REVOCABLE	CARRIZO (UTICA) LLC & ACP III UTICA	3/31/2013	003-N	001-W	6	Madison	22-0000827.008 22-0000827.007	Guernsey	ОН	501	3395	201300003106
OH0101001531-000	CHESTER J BYLER ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	7/29/2013	011-N	007-W	3	Londonderry	20-0000538,000	Guernsey	ОН	506	1253	201300006636
OH0101001533-000	VIRGINIA A BOWMAN REV	CARRIZO (UTICA) LLC & ACP HI UTICA	3/16/2013	003-N	001-W	6, 10	Madison	22-0000827.011 13-0000009.007	Guernsey	ОН	501	237	201300002421

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LEASE NUMBER	LESSOR	LESSEE	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCEL L.D.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
OH0101001534-000	VIRGINIA A BOWMAN REV LIV TR ET AL	CARRIZO (UTICA) LLC & ACP III UTICA	3/16/2013	003-N	001-W	6, 1D	Madison	22-0000827.005 22-0000827.006 13-0000009.004	Guentsay	ОН	501	212	201300002413
OHO101001535-000	TIMOTHY L BISHOP ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	5/14/2013	011-N	007-W	3	Londonderry	20-0001265.000	Guernsey	ОН	503	1135	201300004258
OHO101001537-000	ROBERT L HUPP	CARRIZO (UTICA) LLC & ACP III UTICA	2/14/2013	001-N	001-W	ML 35	Richland	31-0009845,000 31-0009847,000 31-0009848,000 31-0009861,000 31-0009862,000)	ОН	500	1090	201300001802
OH0101001538-000	TERRY L LIPTAK ET UX	CARRIZO (UTICA) ILC & ACP III UTICA	4/4/2013	; 001-N	003-M	10	Richland	31-0002598.000	Guernsey	ОН	501	3384	201300003102
OH0101001539-000	NATHAN H MCDONALD	CARRIZO (UTICA) ILC & ACP III UTICA	2/27/2013	004-N	002-W	11	Monroe	26-0000246.000 26-0000234.000 26-0000186.000	Guernsey	ОН	501	234	201300002420
OH0101001540-000	JAMES D SHRIVER ET UX	CARRIZO (UTICA) LLC &	2/28/2013	001-N	001-W	ML30	Richland	31-0001208.000	Guernsey	ОН	501	231	201300002419
OH0101001541-000	MATTHEW O VANDERGRIFT	CARRIZO (UTICA) LLC &	10/8/2013	004-N	001-W	18	Washington	40-0000034.001	Guernsey	ОН	508	2473	201300008501
OH0101001542-000	STEVEN GREGORY SEXTON	CARRIZO (UTICA) LLC	6/6/2013	011-N	007-W	27	Londonderry	20-0000469.001	Guernsey	OH	504	1344	201300005138
OH0101001543-000	MARY L SCHRADEL	CARRIZO (UTICA) LLC	4/30/2013	001-N	001-W	2	Wills	44-0000017.000	Guernsey	OH	503	2427	201300004518
OH0101001545-000	RICHARD ZINNI JR ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	6/20/2013	003-N	001-W	3	Madison	22-0000033.001	Guernsey	ОН	505	292	201300005661
OH0101001546-000	JASON M SHENKEL ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	4/1/2013	003-N	001-W	17	Madison	22-0000100.002	Guernsey	OH	501	3376	201300003099
OH0101001548-000	THOMAS VILICKA ET UX	CARRIZO (UTICA) LLC &	7/1/2013	003-N	001-W	3	Madison	22-0000033.002	Guernsey	OH	505	295	201300005662
ОНО101001549-000	JULIE A CARPENTER ET VIR	CARRIZO (UTICA) LLC & ACP IN UTICA	3/26/2013	001-N	002-W	21	Richland	31-0002894.001 31-0001894.002	Guernsey	ОН	501	3389	201300003104
OH0101001550-000	PETE OWEN	CARRIZO (UTICA) LLC &	5/24/2013	004-N	002-W	12	Manroe	26-0000112.014	Guernsey	ОН	503	2423	201300004516

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LEASE NUMBER	LESSOR	TEZZEE	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCEL LD.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
OH0101001551-000	ROGER W ZUSACK ET UX	CARRIZO (UTICA) LLC & ACP IN UTICA	5/22/2013	003-N	002-W	1	Jefferson	13-0000129.000	Guernsey	ОН	503	2425	201300004517
OH0101001552-000	PAUL E PEACH ET UX	CARRIZO (UTICA) LLC & ACP IN UTICA	2/14/2013	001-N	001-W	ML30	Richland	31-0001235.000 31-0001237.000	Guernsey	ОН	500	1078	201300001798
OH0101001553-000	ROBERT M RUSSELL ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	5/24/2013	003-N	001-W	6	Madison	22-0000285.009	Guernsey	ОН	504	1346	201300005139
OH0101001554-000	GREGORY J ODELL SR ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	5/13/2013	004-N	002-W	12	Monroe	26-0000112.012	Guernsey	ОН	503	1138	201300004259
OH0101001555-000	DANIEL LEE RUFENACHT	CARRIZO (UTICA) LLC & ACP III UTICA	4/12/2013	004-N	002-W	,11	Monroe	26-0000243.000 26-0000244.000 26-0000245.000	Guenisey	ОН	504	458	201300004898
OH0101001556-000	WILLIAM RALPH WILSON	CARRIZO (UTICA) LLC &	5/1/2013	004-N	002-W	11	Monroe	26-0001081.000	Guentsey	ОН	503	1141	201300004260
OH0101001557-000	THOMAS ANGLE ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	6/17/2013	001-N	001-W	9	Richland	33-0000005.003	Guernsey	ОН	505	286	201300005659
OHO101001560-000	JOHN WELCH ET UX	CARRIZO (UTICA) LLC & ACP IN UTICA	9/18/2013	001-N	001-W	ML30	Richland	31-0001274.000 31-0001275.000 31-0001276.000 31-0001277.000	Guernsey	ОН	507	3469	201300007999
OH0101001561-000	SHANNON L RIPPETH	CARRIZO (UTICA) LLC &	7/18/2013	001-N	001-W	2	Wills	44-0001057.002	Guentsey	ОН	506	1247	201300006634
OH0101001562-000	MICHAEL J HELM ET UX	CARRIZO (UTICA) LLC &	2/27/2013	003-N	001-W	5	Madison	22-0001034.008	Guerasey	ОН	500	2870	201300002218
OH0101001563-000	DANE D & PATRICIA A DAVISSON REV TR	CARRIZO (UTICA) LLC & ACP III UTICA	4/22/2013	001-N	001-W	ML 30	Richland	31-0001197.001 31-0001201.000 31-0001200.000		ОН	502	2461	201300003722
OH0101001564-000	EDITH J PALMER	CARRIZO (UTICA) LLC & ACP III UTICA	3/20/2013	001-N	001-W	ML30	Richland	31-0001258.000 31-0001259.000 31-0001260.000		ОН	501	578	201300002489

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LEASE NUMBER	1555OR	LESSEE	LEASE EFFECTIVE DATE	TOWNSHIP	MANGE	SECTION	TOWNSHIP NAME	TAK PARCEL LD.	COUNTY	STATE	ROOK	PAGE	INSTRUMENT MUMBER
OH0101001565-000	THOMAS A GROZNIK ET UX	CARRIZO (UTICA) LLC & ACP (II) UTICA	4/11/2013	001-N	001-W	ML 30	Richland	31-0001217.000 31-0001196.000 31-0001212.000	Guernsey	ОН	503	581	201300004125
OH0101001566-000	GEORGE J PALMER ET UX	CARRIZO (UTICA) LLC &	4/15/2013	001-N	001-W	ML30	Richland	31-0001269.000 31-0001270.000	Guernsey	ОН	503	576	201300004123
OH0101001567-000	CRIST A SWARTZENTRUBER ET	CARRIZO (UTICA) LLC	8/26/2013	004-N	001-W	9	Washington		Guernsey	ОН	507	22	201300007180
OH0101001568-000	THOMAS E METZ ET UX	CARRIZO (UTICA) LLC &	8/16/2013	004-N	002-W	2	Monroe	26-0001768.000	Guernsey	ОН	507	3157	201300007120
DH0101001570-000	MICHAEL E MORGAN ET AL	CARRIZO (UTICA) LLC & ACP III UTICA	2/28/2013	001-N	001-W	ML 30	Richland	31-0002949.000	Guernsey	ОН	503	589	201300C04128
OHO101001571-000	DAVID M DELONG ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	8/20/2013	001-N	001-W	ML 35	Richland	31-0000823.000 31-0000827.000 31-0000826.000 31-0000825.000 31-0000824.000	Guernsey	ОН	507	1733	201300007565
DH0101001572-000	ROBERT W WILLIAMS ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	7/23/2013	001-N	002-W	1,2	Wills	46-0000039.000	Guernsey	ОН	506	1244	201300006633
OH0101001573-000	RICHLAND TOWNSHIP TRUSTEES	CARRIZO (UTICA) LLC	3/6/2013	001-N	001-W	2Q	Richland	31-0002551.000	Guernsey	ОН	500	2872	201300002219
DH0101001574-000	OWEN SHANNON JR ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	6/1/2013	004-N	002-W	8	Молгое	26-0001669.000	Guernsey	ОН	504	464	201300004900
OH0101001575-000	ROBERT A BUCK ET UX	CARRIZO (UTICA) LLC & ACP HI UTICA	8/6/2013	003-N	001-W	5	Madison	22-0001380,000 22-0001034,003 22-0001034,004	Guernsey	ОН	507	1398	201300007496
OHO101001576-000	: YIRGIIJIA E ARKIH I	CARRIZO (UTICA) LLC &	8/28/2013	011-N	007-W	20	Londonderry	20-0001412.000	Guernsey	ОН	507	1401	201300007497
OH0101001577-000		CARRIZO (UTICA) LLC & ACP III UTICA	4/24/2013	CO1-N	001-W	ML30	Richland	31-0001240.000 31-0001241.000	Guernsey	OH	503	596	201300004131

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Exhibit A-2 LEASES - Guernsey County sched to and made part of that certain

LEASE NUMBER	LESSOR	TESSEE	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCEL LD.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
	1			001-N	007-W	33	Londonderry	20-0000054.000				i	
				004-N	001-W	20	Washington	40-0000024.000		1			i P
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		CARRIZO (UTICA) LLC &		011-N	007-W	20	Londonderry	20-0000706.000		4	210	2550	20120001022
OH0101001578-000	DALE E BOND ET AL	ACP III UTICA	12/3/2013	001-N	007-W	20	Londonderry	20-0000764.000	Guernsey	OH	510	2558 2563	201300010225
	÷	ACT III DIICA	4	001-N	007-W	20	Londonderry	20-0000765.000			510	2303	201300010225
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OH0101001579-000	MARLENE S BOND ET AL	CARRIZO (UTICA) LLC & ACP III UTICA	12/3/2013	011-N	007-W	26	Londonderry	20-0000714.000 20-0000709.000 20-0000713.000 20-0000710.000 20-0000711.000 20-0000712.000	Guernsey	ОН	510	2551	201300010223
OH0101001580-000	SHIRLEY J STUTZ ET VIA	CARRIZO (UTICA) LLC	9/27/2013	007-N	003-W	1	Madison	22-0000054.000 22-0000055.000	Guernsey	ОН	508	189	201300008053
OH0101001581-000	KEVIN D LEMASTERS ET UK	CARRIZO (UTICA) LLC & ACP IN UTICA	5/15/2013	, 001-N	001-W	ML30	Richland	31-0001006.000 31-0001698.000 31-0000956.000 31-0000954.000	Guernsey	ОН	506	1249	201300006635
OH0101001582-000	TRUSTEES OF LONDONDERRY TOWNSHIP	CARRIZO (UTICA) LLC & ACP III UTICA	9/23/2013	011-N	007-W	20	Londonderry	20-0001870.000	Guernsey	ОН	507	2490	201300008006
OH0101001587-000	ROBERT G HINES ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	9/9/2013	004-N	002-W	11	Monroe	26-0000242.000 26-0000241.000	Guernsey	ОН	507	3168	201300007936
OH0101001588-000	GARY KINSER ET UX	CARRIZO (UTICA) LLC & ACP HI UTICA	2/28/2013	001-N	001-W	ML 30	Richland	31-0001278.000 31-0001283.000	Guernsey	ОН	501	3406	201300003109

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LEASE NUMBER	LESSOR	1233	LEASE EFFECTIVE DATE	TOWNSHIP	<u>range</u>	SECTION	TOWNSHIP NAME	TAX PARCEL LD.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
OH0101001589-000	WARREN P NEWMAN ET UX	DAVID R HILL INC	9/6/2003	004-N	002-W	2	Monroe	26-0000125.000 26-0000126.000	Guerrisey	ОН	374	183	!
OH0101001591-000	MATTHEW W BURRIS ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	9/17/2013	011-N	007-W	3	Londonderry	20-0000618.000	Guerrisey	ОН	507	3165	201300007935
OH0101001592-000	DALE KERR	CARRIZO (UTICA) LLC & ACP III UTICA	9/10/2013	011-N	007-W	7	Londonderry	20-0000568.000	Guerrisey	ОН	507	3171	201300007937
OH0101001593-000	ROBERT E GARDNER ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	5/13/2013	001-N	001-W	ML 30	Richland	31-0001232.000	Guernsey	ОН	504	461	201300004899
OH0101001594-000	EMANUEL SCHROCK ET UX	CARRIZO (UTICA) LLC	1/24/2014	004-N	001-W	13	Washington	40-0000182.000	Guernsey	ОН	512	1557	201400000808
OH0101001595-000	JAMES HERSHBERGER ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	9/18/2013	003-N	001-W	6	Madison	22-0000285.000	Guernsey	ОН	507	3162	201300007934
OH0101001596-000	RICHARD K FREDERICK ET UX	CARRIZO (UTICA) LLC	1/31/2014	001-N	001-W	ML 30	Richland	31-0002332.000	Guerrisey	OH	513	2895	201400001959
OH 0101001597-000	REBECCA MARIE LUCK	CARRIZO (UTICA) LLC &	4/30/2013	001-N	001-W	2Q	Richland	31-0002978.013	Guernsey	ОН	503	611	201300004136
OH0101001598-001	BRENDA K SLAGLE ET VIR	CARRIZO (UTICA) LLC	1/23/2014	001-N	001-W	1	Wills	44-0000849,000	Guernsey	ОН	512	2439	201400001021
OH0101001599-000	WORTHY G CHANNELL JR ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	10/10/2013	009-N	001-W	2	Richland	31-0002484.000	Guenisey	ОН	509	440	201300008865
OH0101001601-000	IVA WAYBLE	CARRIZO (UTICA) LLC & ACP III UTICA	10/17/2013	011-N	;007-W	20	Londonderry	20-000386.000 20-000601.000 20-0000845.000 20-0000846.000 20-0000846.000 20-0000849.000 20-0000850.000 20-0000850.000 20-0000853.000 20-0000853.000 20-0000854.000	Guerasey	ОН	509	1208	201300009032

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LEASES - Guernsey County

	LEASE NUMBER	LESSOR	<u> True</u>	LEASE EFFECTIVE DATE	<u>TÓWNSHIP</u>	RANGE	SECTION	TOWNSHIP NAME	TAX PARCEL LD.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
ОН	0101001602-000		CARRIZO (UTICA) LLC & ACP III UTICA	12/3/2013	011-N	007-W	20	Londonderry	20-0000842.000 20-0000843.000 20-0000844.000 20-0000723.000	Guernsay	ОН	510	2554	201300010224
ОН	0101001604-000	IACK W HARFIJRID FT 1JX	CARRIZO (UTICA) LLC & ACP III UTICA	10/8/2013	003-N	001-W	6	Madison	22-0000744.009	Guerraey	ОН	508	2966	201300008622
ОН	0101001605-000	GFORGE L'UNDEN N	CARRIZO (UTICA) LLC & ACP III UTICA	4/5/2013	001-N	001-W	30	Richland	31-0001221.000	Guernsey	ОН	501	3398	201300003107

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LEASE NUMBER	LESSOR	LESSEE	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCELLO.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
CAMPATERA GRADA PRI APPEARACIO	LAKE SENECA RESORTS ASSOCIATION INC	CARRIZO (UTICA) LLC	9/10/2013	001-N	001-W	ML 9, ML 10	Richland	31-0001935.000 31-0001937.000 31-0001940.000 31-0001949.000 31-0001949.000 31-0001959.000 31-0001959.000 31-0001970.000 31-0001970.000 31-0001975.000 31-0001975.000 31-0001975.000 31-0001975.000 31-0001859.000 31-0001889.000 31-0001889.000 31-0001894.000 31-0001894.000 31-0001894.000 31-0002049.000 31-0002049.000 31-0002049.000		OH	507	2251	201300007710

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<u>LEASE NUMBER</u>	LESSOR	Tद्धाः	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCELLD.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
OH0101001507-000	LAKE SENECA RESORTS ASSOCIATION INC	CARRIZO (UTICA) LLC	9/10/2013	001-N	001-W	ML 30	Richland	31-0001925.000 31-0001925.000 31-0001931.000 31-0001939.000 31-0001928.000 31-0001928.000 31-0001928.000 31-0001928.000 31-0001928.000 31-0001928.000 31-0001928.000 31-0001928.000 31-0001918.000 31-0002166.000 31-0002168.000	Guerrsey	ОН	507	2243	201300007709
OH0101001608-000	EDWARD S BARKER ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	11/15/2013	001-N	001-W	9	Millwood	23-0000250.140 23-0000250.004	Guernsey	ОН	510	911	201300009812
OH0101001609-000	STEPHEN P VESELENAK ET UX	CARRIZO (UTICA) LLC & ACP IH UTICA	8/27/2013	009-N	007-W	32	Milwood	25-0000040.000 25-0000041.000 25-0000105.000	Guernsey	ОН	507	1395	201300007495
OHO101001610-008	LINDA DELAMBO BURROWS ET VIR	CARRIZO (UTICA) LLC & ACP III UTICA	11/23/2013	003-N	001-W	8	Madison	22-0000667.012	Guentsey	ОН	511	51	201300010514
OH0101001611-000	JOHN Y CHANEY ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	12/13/2013	011-N	007-W	3	Londonderry	20-0000097.003	Guernsey	ОН	512	875	201400000635
OH0101001612-000	JOHN SANNER ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	9/24/2013	010-N	007-W	4	Londonderry	20-0000259.000	Guernsey	ОН	507	3496	201300008008
OH0101001614-000	VELMA SCURLOCK	CARRIZO (UTICA) LLC & ACP III UTICA	11/20/2013	001-N	002-W	10	Richland	31-0000433.000 31-0000092.000	Guernsey	ОН	511	32	201300010508
OH0101001615-000	DAVID ALAN SCURLOCK ET UX	CARRIZO (UTICA) LLC &	11/20/2013	001-N	002-W	10	Richland	31-0000433.001	Guernsey	ОН	511	72	201300010521

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Exhibit A-2 LEASES - Guernsey County Attached to and made part of that certain Assignment, Bill of Sale and Conveyance between Carrizo, Carrizo Utica

and Ascent dated effective 4/1/2017.

LEASE INSTRUMENT: SECTION TAX PARCEL LD. COUNTY STATE PAGE EFFECTIVE BOOK LEASE NUMBER LESSO, LESSEE TOWNSHIP RANGE NAME NUMBER DATE 31-0000121.000 OH0101001616-001 WHITNEY LRICH ET AL CARRIZO (UTICA) LLC 1/21/2014 001-N 001-W 2 Q Richland Guernsey: QH 512 2035 201400000908 31-0000122.000 31-0000121.000 001-W 518 187 201400005269 OH0101001616-002 JACOB R RICH ET AL CARRIZO (UTICA) LLC 7/7/2014 001-N 2ND Q Richland Guernsey 31-0000122.000 CARRIZO (UITCA) LLC & 9/27/2013 001-W Richland 31-0002191.000 Guernsey OH 508 1516 201300008332 OH0101001617-000 LAWRENCE BOYES ET UX 001-N ML 10 **ACP III UTICA** 31-0002203.000 CARRIZO (UTICA) LLC & OH 507 2478 20130008002 9/19/2013 Richland OH0101001618-000 JAMES R WEEKS ET UX 001-N 001-W ML10 Guernsay : 31-0002204.000 ACP III UTICA CARRIZO (UTICA) LLC & 31-0002126.000 507 201300008000 OH0101001619-000 RICHARD A MUHR ET UX 9/18/2013 001-N 001-W ML 10 Richland Guernsey: OH ACP HI UTICA CARRIZO (UTICA) LLC & OH0101001520-000 MICHAEL F KVINTUS ET UX 9/17/2013 001-N 001-W ML 10 Richland 31-0001684,000 | Guernsey 507 201300008001 ACP III UTICA 31-0001860.000 CARRIZO (UTICA) LLC & ERIC R MORRIS ET UX 31-0001724,000 Guert sev 507 201300008007 OH0101001621-000 9/21/2013 001-N 001-W ML 10 Richland OH ACP III UTICA 31-0001734.000 CARRIZO (UTICA) LLC & 31-0002099.000 001-W Guerrisey : 507 201300008003 OH0101001622-000 ROGER WADE ET UX 9/19/2013 001-N ML 10 Richland OH 3481 31-0002100.000 ACP III UTICA CARRIZO (UTICA) LLC & 9/24/2013 31-0001859.000 Guerrisey 507 3502 201300008010 DH0101001623-000 DANNY MORRILL ET UX 001-N 001-W MLIO Richland QH **ACP BI UTICA** 25-0000103.000 CARRIZO (UTICA) LLC & 8/22/2013 007-W 25-0000097,000 Guerrisey OH 1392 201300007494 OHQ101001624-000 JOSHUA D EAGON ET UX 009-N 32 507 :ACP III UTICA 25-0000106.000 CARRIZO (UTICA) LLC & 31-0001686,000 OH0101001625-000 D BRUCE CRUTCHFIELD ET UX 9/24/2013 001-N 001-W ML 10 Richland 3499 201300008009 **ACP III UTICA** 31-0001633.000 CARRIZO (UTICA) LLC & OH0101001626-000 BRIAN BAIOCCO ET UX 9/28/2013 001-N 001-W ML 10 Richland 31-0002058.000 | Guerrisey : 1519 201300008333 **ACP III UTICA** 31-0002281.000 CARRIZO (UTICA) LLC & MICHEAL V KANZIGG ET UX 9/27/2013 001-N 001-W ML 10 Richland Guernsey " 201300008334 OH0101001627-000 31-0002230.000 **ACP III UTICA** CARRIZO (UTICA) LLC & OH0101001628-000 9/25/2013 001-N 001-W ML 10 Richland 31-0002109.000 Guernsey; OH 508 1528 201300008336 JOHN J WITHERS ACP III UTICA

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Exhibit A-2 **LEASES - Guernsey County**

LEASE NUMBER	LESSOR	<u> 1.433</u> 44	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCELLD.	COUNTY	STATE	BOOK	<u>PAGE</u>	INSTRUMENT NUMBER
OH0101001629-000	TERRILL KEITH HARMAN ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	9/27/2013	001-N	001-W	ML 10	Richland	31-0001955.000 31-0001465.000	Guernsey	ОН	508	1525	201300008335
OH0101001630-000	WILLIAM A LOGUE ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	9/30/2013	001-N	001-W	ML10	Richland	31-0002296.000	Guernsey	ОН	508	3014	201300008638
OHO101001631-000	JOHN W RAPP ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	9/28/2013	001-N	001-W	ML 10	Richland	31-0002051.000 31-0002094.000	Guernsey	ОН	508	3017	201300006639
OH0101001632-000	WILLIAM J TAYLOR ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	10/29/2013	003-N	001-W	5	Madison	22-0001034.026	Guernsey	ОН	509	2922	201300009441
OH0101001635-000	DAVID WHITE ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	9/17/2013	001-N	001-W	ML 10	Richland	31-0001670.000 31-0001883.000 31-0001884.000 31-0001885.000	Guernsey	ОН	507	3150	201300007930
ОНО101001636-000	JASON MACKIE ET UX	CARRIZO (UTICA) LLC &	9/17/2013	001-N	001-W	ML 10	Richland	31-0001882.000	Guernsey	ОН	507	3154	201300007931
OH0101001637-000	ANTHONY KVINTUS	CARRIZO (UTICA) LLC & ACP III UTICA	10/1/2013	001-N	001-W	1	Richland	31-0001957.000	Guerrisey	ОН	508	1533	201300008338
OH0101001638-000	RAYMOND H MILLIGAN ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	10/1/2013	001-N	001-W	ML 10	Richland	31-0001831.000	Guernsey	OH	508	1530	201300008337
OH0101001639-000	DAVID H LOWE SR ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	11/7/2013	003-N	001-W	23	Madison	22-0000086.004	Guernsey	ОН	509	3298	201300009529
OH0101001640-000	JAMES PUCKETT ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	10/4/2013	001-N	001-W	ML10	Richland	31-0001673.000	Guernsey	OH	508	3005	201300008635
OH0101001641-000	DONALD W PEGG ET UX	CARRIZO (UTICA) LLC & ACP IN UTICA	10/12/2013	001-N	001-W	. ML 10	Richland	31-0001663.000	Guernsey	ОН	508	3202	201300008692
OHO101001642-000	CHARLES KERNER ET UX	CARRIZO (UTICA) LLC &	10/12/2019	001-N	001-W	ML10	Richland	31-0002022.000	Guernsey	OH	509	449	201300008858

LEASE NUMBER	LESSOR	LESSEE	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP	TAX PARCEL LD.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
OH0101001643-000	THOMAS R FAIR	CARRIZO (UTICA) LLC & ACP III UTICA	10/31/2013	001-N	001-W	ML 4	Richland	31-000899.000 31-000893.000 31-000894.000 31-000896.000 31-000900.000 31-000901.000 31-000901.000 31-000897.000 31-000898.000	Guernsey	ОН	509	2859	201300009420
OH0101001644-000	DAVID M MOON ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	11/22/2013	003-N	002-W	1	Jefferson	13-0000515.005	Guernsey	ОН	510	2530	201300010216
OH0101001646-000	A BRYAN WESNEY	CARRIZO (UTICA) LLT & ACP HI UTICA	10/12/2013	001-N	001-W	ML 10	Richland	31-0001967.000	Guerrsey	ОН	508	3205	201300008693
OH0101001647-000	CHARLES DAVID STERLING	CARRIZO (UTICA) LLC & ACP III UTICA	10/12/2013	001-N	001-W	ML 10	Richland	31-0001964.000	Guernsey	ОН	508	2957	201300008619
OH0101001648-000	BILLY RAY MARKLEY	CARRIZO (UTICA) LUC	1/13/2014	003-N	002-W	1	Jefferson	13-0000102.000	Guerr.sey	ОН	512	3073	201400001204
OH0101001649-000	DALE E BOND ET AL	SWEPI LP	10/22/2012	011-N	007-W	20, 27	Londonderry	20-0000080.000 20-0000053.000	Guerrsey	ОН	496	1285	201200010485
OH0101001650-000	RICHARD C GUNN ET UX	SWEPI LP	10/20/2011	011-N	007-W	27	Londonderry	20-0001176.000	Guernsey	OH	483	157	201100006676
OH0101001651-000	ARLEEN G ROBY	SWEPI LP	10/20/2011	011-N	007-W	33	Londonderry	20-0000281.002	Guerrsey	OH	483	3007	201100007500
OH0101001652-000	BEAU A GUILER	SWEPI LP	10/28/2011	001-N	001-W	A3	Richland	31-0001439-001	Guerrisey	OH	485	239	201100008570
OHO101001653-000	CHARLES E MILLER ET UX	SWEPI LP	10/20/2011	011-N	007-W	33	Londonderry	20-0000264.000	Guerr:sey	OH	482	892	201100006227
OH0101001654-000	HOMER EUGENE HOOP ET UX	SWEPI LP	10/20/2011	011-N	007-W	33	Londonderry	20-0000281.001	Guernsey	OH	483	2494	
OH0101001655-000	CHRISTOPHER D POWELL ET	SWEPI LP	12/14/2011	001-N	001-W	8	Richland	31-0000139.004 31-0000139.005 31-0000139.006 31-0000139.011	Guerrisey	ОН	486	1440	201200001056
OH0101001656-000	EARLA HOOP IR ET UX	SWEPI LP	2/8/2012	011-N	007-W	33	Londonderry	20-0000281.000	Guernsey	ОН	487	137	201200001611
OH0101001657-000	DANIEL R HOOP ET UX	SWEPI LP	10/20/2011	011-N	007-W	33	Londonderry	20-0000281.003		ОН	483	586	201100006803

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Exhibit A-2 LEASES - Guernsey County technol to and made part of that certain

LEASE NUMBER	LESSOR	LESSEE.	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCEL I.D.	COULTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
OH0101001658-000	TAMMEY B GORDON ET VIR	CARRIZO (UTICA) LLC & ACP III UTICA	10/12/2013	001-N	001-W	ML 10	Richland	31-0001517.000 31-0001530.000	Guernsey	ОН	508	2990	201300008630
DH0101001659-000	WILLIAM E GANO ET AL	CARRIZO (UTICA) LLC & ACP III UTICA	10/5/2013	001-N	001-W	ML10	Richland	31-0002252.000	Guernsey	ОН	508	2476	201300008502
DH0101001660-000	THOMAS J CARNES ET UX	CARRIZO (UTICA) LLC	2/7/2014	011-N	007-W	20, 21	Londonderry	20-0000619.000	Guernsey	ОН	512	3365	201400001270
OH0101001661- 00 0	JONAS M SLABAUGH ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	10/10/2013	001-N	002-W	10	Richland	31-0002528.000	Guernsey	ОН	509	1178	201300009022
OH0101001662-000	M A WELLS FARM LLC	CARRIZO (UTICA) LLC	4/28/2014	001-N	002-W	1	Wills	46-0000025.000	Guernsey	ОН	515	2326	201400003397
DH0101001663-000	M A WELLS FARM LLC	CARRIZO (UTICA) LLC	4/28/2014	002-N	002-W	21, 25	WIRs	44-0000394.000 44-0000393.000	Guernsey	ОН	515	2323	201400003396
OH0101001664-000	HENRY S WELLS ET UX	CARRIZO (UTICA) LLC	4/28/2014	002-N	002-W	20	Wills	44-0000392.000	Guernsey	ОН	515	1808	201400003254
OH0101001665-000	MARGUERITE BOND	RESOURCE EXPLORATION INC	11/3/1972	011-N 011-N 011-N 011-N	007-W 007-W 007-W	26 32 32 26	Londonderry	20-0001369.000 20-0001370.000 20-0000067.000 20-0000061.000	Guernsey	ОН	70	700	
DH0101001666-000	DELL F MERRYMAN	RESOURCE EXPLORATION	12/5/1973	011-N	007-W	33	Londonderry	20-0000443.001 20-0000443.000	Guernsey	ОН	72	772	
OH0101001667-000	LEE R ANGLE ET UX	RESOURCE EXPLORATION	12/30/1972	011-N	007-W	27	Londonderry	20-0000004.000 20-0000175.000	Guernsey	ОН	71	104	
OH0101001668-000	KENNETH D RUTTIG	CARRIZO (UTICA) LLC	5/7/2014	011-N	007-W	32, 33	Londonderry	20-0000176.000	Guernsey	ОН	517	1799	201400004849
OH0101001669-000	ROBERT R DOWNERD ET AL	CARRIZO (UTICA) LLC	3/1/2014	011-N	007-W	26, 27	Londonderry	20-0000176.002 20-0000179.000 20-0000180.000	Guernsey	ОН	514	24	201400002125
OH0101001670-000	LARRY A DUKES	CARRIZO (UTICA) LLC	1/23/2014	011-N	007-W	20	Londonderry		Guerrisay	ОН	512	2451	201400001025
OH0101001671-000	VINCENT K HENRY ET UX	CARRIZO (UTICA) LLC	2/4/2014	011-N	007-W	20	Londonderry	20-0000860.000	Guernsey	ОН	513	737	201400001452

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LEASE NUMBER	LESSOR	LEXSEE	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCEL I.D.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT
OH0101001672-000	JJ DETWEILER ENTERPRISES INC	CARRIZO (UTICA) LLC	5/23/2014	001-N	001-W	2,9	Richland	33-0000005,002 33-0000005,004 33-0000005,005 44-0000126,000	Guernsey	ОН	517	16	201400004494
OH0101001673-000	JOSEPH J DETWEILER REV	CARRIZO (UTICA) LLC	5/23/2014	001-N	001-W	2	Wills	44-0000376.000	Guernsey	OH	517	19	201400004495
OHD101001674-000	ELIZABETH KACHUR	CARRIZO (UTICA) LLC & ACP IN UTICA	10/12/2013	001-N	001-W	ML 10	Richland	31-0002250.000	Guernsey	ОН	508	3199	201300008691
OH0101001675-000	MYRNA ROUSE	CARRIZO (UTICA) LLC & ACP III UTICA	10/12/2013	001-N	001-W	ML 10	Richland	31-0002248.000	Guernsey	ОН	509	443	201300008866
OH0101001677-000	KYLE J COCHRAN ET UX	CARRIZO (UTICA) LLC	6/2/2014	001-N	002-W	1	Wills	45-0000017.001	Guernsev	ОН	516	3510	201400004478
OHO101001678-000	RICHARD KETTLEWELL ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	10/12/2013	001-N	001-W	ML 10	Richland	31-0001705.000	······································		508	2969	201300008623
OH0101001680-000	PETER RUMSKEY ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	10/4/2013	001-N	001-W	ML 10	Richland	31-0001871.000 31-0001872.000	Guernsey	ОН	509	437	201300008864
OH0101001681-000	LUKE P SMITH	CARRIZO (UTICA) LLC	2/24/2014	011-N	007-W	20	Londonderry	20-0000698.000	Guernsey	ОН	514	15	201400002122
OH0101001682-000	DAVID M SMITH	CARRIZO (UTICA) LLC	4/2/2014	011-N	007-W	20	Londonderry		Guernsev	OH	514	2659	201400002691
OH0101001683-000	TODO W LENARZ SR REV LIVING TRUST	CARRIZO (UTICA) LLC	3/20/2014	011-N	007-W	20	Londonderry	20-0000866-000	Guernsey	ОН	514	1288	201400002368
OH0101001684-000	VICTOR M KING ET UX	CARRIZO (UTICA) LLC	1/16/2014	001-N	001-W	02	Richland	31-0002978.016	Guerneou	OH -	512	3058	201 2000004400
DH0101001685-000	TRUSTEES OF LONDONDERRY	CARRIZO (UTICA) LLC	3/27/2014	011-N	007-W	20	Londonderry	20-0001324.000		OH	514	2662	201400001199
OH0101001686-000	TRUSTEES OF LONDONDERRY	CARRIZO (UTICA) LLC	5/12/2014	011-N	007-W	21	Londonderry	20-0001910.000	Guernsey	ОН	516	650	201400003840
DH0101001687-000	RODGER FISHER ET UX	CARRIZO(UTICA) LLC & ACP BI UTICA	10/12/2013	001-N	001-W	ML 10	Richland	31-0001829.000	Guernaey	ОН	509	1175	201300009021
DH0101001688-000	TIMOTHY POPICS ET AL	CARRIZO(UTICA) LLC & ACP III UTICA	10/12/2013	001-N	001-W	ML10	Richland	31-0001685.000 31-0001739.000	Guerniey	ОН	509	1184	201300009024
OH0101001689-000	LEE NELSON ET UX	CARRIZO(UTICA) LLC & ACP HI UTICA	10/11/2013	001-N	001-W	ML10	Richland	1	Guernsay	ОН	509	1195	201300009028

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LEASE NUMBER	LESSOR	LESSEE	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCELLO.	COUNTY	STATE	BOOK	PAGE	INSTRUMEN) NUMBER
OH0101001590-000	FRED L TALBOT ET AL	CARRIZO(UTICA) LLC & ACP III UTICA	10/17/2013	001-N	001-W	ML 10	Richland	31-0002266.000	Guernsey	ОН	509	1202	201300009030
OH0101001691-000	SAMUEL D MEEKS ET UX	CARRIZO (UTICA) LLC	2/20/2014	001-N	001-W	9	Millwood	23-0000183,000	Guerrsev	OH	514	1	201400002117
OH0101001692-000	TIMOTHY SIMON ET UX	CARRIZO(UTICA) LLC & ACP III UTICA	10/12/2013	001-N	001-W	ML10	Richland	31-0001938.000	Guernsey	ОН	508	3196	201300008690
OH0101001694-000	JODI BATES	CARRIZO(UTICA) LLC & ACP III LLC	10/17/2013	001-N	001-W	ML 10	Richland	31-0002273.000	Guern sey	ОН	509	1172	201300009020
OH0101001701-000	ANDREW T KAZMIRSKI ET UX	CARRIZO(UTICA) LLC & ACP III UTICA	10/13/2013	001-N	001-W	ML 10	Richland	31-0002201.000 31-0002202.000	Guernsey	ОН	508	3996	201300008632
OH0101001702-000	JEFFREY D MINOSKY ET LIX	CARRIZO (UTICA) LLC	2/7/2014	001-N	001-W	3	Richland		Guerrsey	ОН	513	984	201400001531
OH0101001705-000	PAMELA J FABER	CARRIZO (UTICA) LLC	2/11/2014	011-N	007-W	8	Londonderry	***************************************	Guernsey	OH	513	1373	201400001619
OH0101001710-000	ANGELIA LSMITH ET VIR	DAVID R HILL INC	10/13/2006	001-N	001-W	3	Richland		Guerrsey	ÕН	443	2739	200600016218
OH0101001711-000	WILLIAM H WALKER ET UX	DAVID R HILL INC	10/7/2006	001-N	001-W	3	Richland	1 ** HIEF WILL W	Guernsey	ОН	443	2755	200600016222
OH0101001712-000	GLENN R ROE ET UX	DAVID R HILL INC	10/8/2006	001-N	001-W	3	Richland		Guentsey	OH	443	2747	200600016220
ОН0101001713-000	RALPH W ROE JR ET UX	DAVID R HILL INC	1.0/7/2006	001-N	001-W	3	Richland	31-0000336.000		ОН	443	2751	ECONOCIOEED
OH0101001714-000	ROLLAND C HENDERSHOT	DAVID R HILLING	7/15/2008	001-N	.001-W	3	Richland	31-0002978.007		ОН	458	1352	200800030011
OH0101001715-000	KENNETH S LAURIE ET UX	DAVID R HILL INC	10/21/2006	001-N	001-W	3	Richland	31-0002978.009	Guernsey		444	1138	200600016691
		a carried the same of a c						31-0002978.011		: .			
OH0101001717-000	IRA J HENDERSHOT	DAVID R HILL INC	7/15/2008	001-N	001-W	3	Richland	31-0002978,004 31-0002976,000	Guernsey	ОН	458	1354	200800030012
OH0101001718-000	BENJAMIN R HENDERSHOT ET UX	DAVID R HILL INC	10/11/2006	001-N	001-W	3	Richland	31-0002978.002 31-0002538.000	Guernsey	ОН	443	2743	200600016219
OH0101001719-000	EVELYN I. CUNNINGHAM	DAVID R HILL INC	8/8/2008	001-N	001-W	MĹ	Wills/Richland	44-0000084.000	Guernsev	OH .	458	2371	20080003031
OH0101001720-000	DUSTIN J HAUENSTEIN ET UX	DAVID R HILL INC	7/15/2008	001-N	001-W	3	Richland	pro min and the springers and has not a	Guernsey	OH	458	1143	200800029947
OH0101001721-001	CHARLES K CRAIG ET UX	TRIANGLE OIL CO	4/8/1969	001-N	001-W	24	Richland	31-000075.000 31-0002317.001 31-000075.001 31-0002317.000	Guernsey	ОН	60	37	
<u> </u>		!	:				į	31-0002317.002 31-0001640.000					

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OH0101001721-002	JEFFERY N DANFORD	PDC ENERGY INC	9/15/2013	001-N	001-W	24	Richland	31-0002317.000 31-0000075.001	Guernsey	ОН	513	2972	201400001986
OH0101001721-003	SCOTT MACKEY ET UX	PDC ENERGY INC	9/15/2013	001-N	024-W	1	Richland	+	Guerrisev	OH	513	2975	201400001987
OH0101001721-004	BD SQUARED LLC	PDC ENERGY INC	2/11/2014	001-N	024-W	1	Richland		Guerrisey	OH	514	256	201400002182
OH0101001721-005	CHARLES BREITENSTINE ET UX	PDC ENERGY INC	9/16/2013	001-N	024-W	1	Richland	(* · * — · · · · · · · · · · · · · · · ·	Guerrisev	ОН	513	2969	201400001985
OH0101001722-000	JENNIE NELSON ET VIR	CARRIZO(UTICA) LLC & ACP III UTICA	10/23/2013	001-N	001-W	ML 10	Richland	31-0002079.000 31-0002209.000	Guernsey	ОН	509	2874	201300009425
OH0101001723-000	CORY A CUNNINGHAM	CARRIZO (UTICA) LLC	2/19/2014	011-N	007-W	21	Londonderry	20-0001355.000	Guernsey	ОН	513	1363	201400001615
OH0101001724-000	DENNIS E MUNCY IR ET UX	CARRIZO (UTICA) LLC	1/22/2014	011-N	007-W	20	Londonderry	20-0000869.000	Guernsey	OH	512	3064	201400001201
OH0101001725-000	RÖBERT J MEEK	CARRIZO (UTICA) LLC	3/28/2014	011-N	007-W	20	Londonderry	20-0000746.000	Guerrisey	ОН	514	2653	201400002689
OH0101001726-000	DWAYNE ELLIS AUSBROOKS	CARRIZO(UTICA) LLC & ACP NI UTICA	2/7/2013	001-N	002-W	11	Richland	31-0000264.012	Guerrsey	ОН	500	326	201300001595
OH0101001727-000	DWAYNE ELLIS AUSBROOKS	CARRIZO(UTICA) LLC &	3/28/2013	001-N	002-W	11	Richland	31-0000264.011	Guerrsey	ОН	501	3381	201300003101
OHO101001728-001	HERBERT BOOTH	CARRIZO (UTICA) LLC	2/10/2014	001-N	001-W	6	Richland	31-0002508.000	Guerrsev	CH	513	995	201400001535
OH0101001729-001	DAVID L GUILER	CARRIZO (UTICA) LLC	2/10/2014	: 001-N	001-W	6	Richland	31-0000155.000	Guerrisev	OH	513	993	201400001534
OH0101001730-000	HENRY C KIEFFER ET UX	CARRIZO (UTICA) LLC	1/24/2014	001-N	002-W	10	Richland	·	Guerrisey	OH	513	710	201400001443
OH0101001731-000	JESSE MICHAEL WILKIN ET UX	CARRIZO (UTICA) ILC	1/23/2014	001-N	002-W	1	Wills	47-0000009.001		ОН	512	2442	201400001022
OH0101001732-000	JOHN E SALKOVICK ET UX	CARRIZO(UTICA) LLC &	10/12/2013	•	001-W	ML 10	Richland	31-0001896,000		ОН	509	1181	201300009023
OH0101001733-000	JAMES R CHANDLER ET UX	CARRIZO(UTICA)LLC &	10/2/2013	001-N	001-W	ML10	Richland	31-0001834.000 31-0001835.000	Guerrsey	ОН	508	2981	201300008627
DH0101001736-000	HAROLD W MARSH	CARRIZO (UTICA) LLC & ACP III UTICA	10/31/2013	001-N	001-W	ML 10	Richland	31-0001468.000 31-0001466.000	Guernsey	ОН	509	3336	201300009541
DH0101001737-000	JAMES A DUPLAIN ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	10/5/2013	001-N	001-W	ML 10	Richland	31-0002052.000	Guerrsey	ОН	518	3011	201300008637
DH0101001738-000	LARRY L STERLING ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	10/5/2013	001-N	001-W	ML 30	Richland	31-0001980.000 31-0001692.000	Guernsey	ОН	508	2951	201300008617
OH0101001739-000	CHARLES R MYERS ET UX	CARRIZO (UTICA) LLC &	10/3/2013	001-N	001-W	ML 10	Richland	31-0001815.000 51-0001814.000	Guerrsey	ОН	506	3002	201300008634

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OH0101001740-000	ROBERT W RICHARDS ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	10/5/2013	001-N	001-W	ML 10	Richland	31-0002267.000	Guerrsey	ОН	509	1275	201300609041
OH0101001741-000	MICHAEL KANDRACH ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	10/19/2013	001-N	001-W	ML10	Richland	31-0001836.000	Guernsey	ОН	509	3883	201300009428
OH0101001742-000	SAMUEL W ARMANN ET UX	CARRIZO (UTICA) LLC & ACP HI UTICA	10/15/2013	001-N	001-W	ML10	Richland	31-0001876.000 31-0001877,000	Guernsey	ОН	511	54	201300010515
OH0101001743-000	BILL LINVILLE ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	10/3/2013	001-N	001-W	ML 10	Richland	31-0001699.000 31-0001529.000	Guernsey	ОН	509	434	201300008863
OH0101001744-000	TIMOTHY T HAWK ET UX	CARRIZO (UTICA) LLC	1/22/2014	001-N	001-W	ML 10	Richland	31-0002231.000 31-0002232.000	Guernsey	ОН	513	1367	201400001617
OH0101001745-000	DAVID M FORTNEY ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	10/12/2013	001-N	001-W	ML10	Richland	31-0002207.000 31-0002208.000	Guernsey	ОН	508	2987	201300008629
OH0101001746-000	ROBERT MEADE ET UX	CARRIZO (UTICA) LLC	10/30/2013	001-N	001-W	ML 10	Richland	31-0002221.000 47-0000125.000	Guernsey	ОН	513	728	201400001449
OH0101001747-000	DAVID W CORDER ET AL	CARRIZO (UTICA) LLC	12/20/2013	001-N	002-W	1	Wills	47-0000056.000 47-0000057.000	Guernsey	ОН	512	859	201400000630
OH0101001748-000	KELLY B BAUK	CARRIZO (UTICA) LLC	12/16/2013	001-N	001-W	2	Wills	47-000058,000 47-0000144,000 47-0000145,000	Guernsey	ОН	512	46	201400000422
OH0101001749-000	DAVID L KENNEY ET UX	CARRIZO (UTICA) LLC	12/13/2013	001-N	002-W	1	Wills	47-0000091.000	Guernsey	ОН	512	43	201400000421
OH0101001750-000	CRAIG R FUTEY ET UX	CARRIZO(UTICA) LLC & ACP IN UTICA	10/12/2013	001-N	001-W	ML 10	Richland	31-0001539.000 31-0001963.000	Guernsey	ОН	508	2963	201300008621
OH0101001751-000	KENNETH A SIMMONS JR ET	CARRIZO(UTICA) LLC & ACP III UTICA	10/18/2013	001-N	001-W	ML 10	Richland	31-0001830.000	Guernsey	OH.	510	1722	201300010026
OH0101001752-000	JEFFREY A STERLING ET UX	CARRIZO (UTICA) LLC & ACP HI UTICA	10/5/2013	001-N	001-W	ML10	Richland	31-0001945.000 31-0001769.000	Guernsey	ОН	509	445	201300008867
OH0101001753-000	JOHNNY D KING JR ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	10/12/2013	001-N	001-W	ML 10	Richland	31-0001979.000	Guerrisey	ОН	508	2975	201300008625
OH0101001754-000	ROY BRYANT ET UX	CARRIZO (UTICA) LLC & ACP IH UTICA	10/12/2013	001-N	001-W	ML 10	Richland	31-0002046.000	Guernsey	ОН	510	893	201300009806

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OH0101001756-000	KENNETH AHART ET UX	CARRIZO (UTICA) LLC &	10/12/2013	001-N	001-W	ML 10	Richland	31-0001874.000	Guerrsey	ОН	508	2993	201300008631
OH0101001757-000	JOHN MCGARRY ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	10/29/2013	001-N	001-W	ML10	Richland	31-0001857.000 31-0001680.000	Guernsey	ОН	509	2916	201300009439
OH0101001758-000	IOHN ADAMS ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	10/20/2013	001-N	001-W	ML 10	Alchland	31-0001910.000	Guerrsey	ОН	509	2856	201300009419
OH0101001759-000	VICIO L SHULTZ	CARRIZO (UTICA) LLC & ACP IN UTICA	11/14/2013	001-N	001-W	ML 10	Richland	31-0001619.000	Guerrsey	ОН	510	908	201300009811
OH0101001760-000	NANCY SHULTZ ET VIR	CARRIZO(UTICA) LLC & ACP III UTICA	10/29/2013	001-N	001-W	ML 10	Richland	31-0002040.000	Guernsey	ОН	509	2925	201300009442
OH0101001761-000	DAVID BARR ET UX	CARRIZO(UTICA) LLC & ACP III UTICA	10/22/2013	001-N	001-W	ML 10	Richland	31-0001543.000	Guernsey	ОН	510	1725	201300010027
OH0101001762-000	SUSAN M MORGAN ET VIR	CARRIZO (UTICA) LLC & ACP III UTICA	10/12/2013	001-N	001-W	ML 10	Richland	31-0002187.000	Guernsey	ОН	509	1169	201300009019
OH0101001763-000	ROBERT W GILES ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	10/11/2013	001-N	001-W	ML 10	Richland	31-0001837.000	Guerrsey	ОН	509	1187	201300009025
OH0101001764-000	GEORGE T SKRTICH ET UX	CARRIZO (UTICA) LLC &	10/10/2013	001-N	001-W	ML 10	Richland	31-0002224.000	Guernsey	ОН	509	1193	20130009027
OH0101001765-000	JOHN CARMAN ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	10/15/2013	001-N	001-W	ML 10	Richland	31-0001816.000	Guernsey	ОН	509	1272	20130009040
DH0101001766-000	SHELDON SHULTZ ET UX	CARRIZO (UTICA) LLC &	10/31/2013	001-N	001-W	ML 10	Richland	31-0002041.000	Guerrisey	ОН	509	2865	201300009422
OHO101001767-000	FINIS E HOLBROOK ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	10/29/2013	001-N	001-W	ML 10	Richland	31-0001935.000	Guerraey	ОН	509	2892	201300009431
OH0101001768-000	KEVIN WARFORD	CARRIZO (UTICA) LLC	4/3/2014	001-N	001-W	ML6	Richland	31-0000653.000 31-0000652.000	Guerrsey	ОН	516	265	201400003757
OH0101001769-000	ROLLAND CLAY HENDERSHOT	CARRIZO (UTICA) LLC	4/22/2014	001-N	001-W	2 Q	Richland	31-0002978.000	Guerrisey	OH	516	648	201400003839
OH0101001770-000	KEITH LUCAS ET UX	CARRIZO (UTICA) LLC &	10/12/2013	001-N	001-W	ML 10	Richland	31-0001878.000	Guernsey	ОН	509	1199	201300009029
OH0101001771-000	LARRY T PEGG ET UX	CARRIZO (UTICA) LLC &	10/12/2013	001-N	001-W	ML 10	Richland	31-0001858.000 31-0001869.000	Guerrisey	ОН	508	2972	201300008624

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OH0101001772-000	LILLIAN DELORES COCHRAN ET	CARRIZO (UTICA) LLC & ACP IN UTICA	11/14/2013	001-N	001-W	ML 10	Richland	31-0002290.000	Guernsey	ОН	511	43	201300010512
OH0101001779-000	DAWN LALLEN ET AL	CARRIZO (UTICA) ILC & ACP III UTICA	10/31/2013	001-N	001-W	ML 10	Richland	31-0001950.000	Guernsey	ОН	509	3315	201300009534
DH0101001774-000	MARYANN MIHALIK	CARRIZO (UTICA) LLC & ACP III UTICA	10/11/2013	001-N	001-W	ML 10	Richland	31-0002115.000	Guernsey	ОН	509	1190	201300009026
OH0101001775-000	TIMOTHY WALLER ET UX	CARRIZO (UTICA) LLC & ACP KI UTICA	10/31/2013	001-N	001-W	ML 10	Richland	31-0001828,000	Guernsey	ОН	510	887	201300009804
OH0101001776-000	PAUL D LAUTAR ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	11/12/2013	001-N	001-W	ML 10	Richland	31-0001786.000	Guernsey	ОН	509	3321	201300009536
OH0101001777-000	DALE D KNUTSEN ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	10/12/2013	001-N	001-W	ML 10	Richland	31-0001839.000	Guernsey	ОН	508	2978	201300008626
DH0101001778-000	RICHARD E WALTON ET UX	CARRIZO (UTICA) LLC	2/18/2014	001-N	002-W	11	Richland	31-0000264.017	Guernsev	ОН	514	3	201400002118
OH0101001779-000	BENJAMIN LMARKER ET UX	CARRIZO (UTICA) LLC	3/8/2014	001-N	002-W	11	Richland	31-0000264.015			514	1306	201400002374
OH0101001780-000	DANIEL D POTTS	CARRIZO (UTICA) LLC & ACP III UTICA	10/12/2013	001-N	001-W	ML 10	Richland	31-0002125.000		†	508	2960	201300008620
OH0101001781-000	JAMES M SKAPIK	CARRIZO (UTICA) LLC	12/17/2013	001-N	001-W	ML 10	Richland	31-0001706.000	Guernsey	ОН	512	22	201400000414
OH0101001782-000	TONY I VOSTATEK ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	10/22/2013	001-N	001-W	ML 10	Richland	31-0001747.000		DH	511	89	201300010527
OH0101001783-000	WILLIAM WAGNER ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	10/23/2013	001-N	001-W	ML 10	Richland	31-0002261.000	Guernsey	ОН	509	2904	201300009435
OH0101001784-000	ROBERT MOZINGO JR ET UX	CARRIZO (UTICA) LLC &	10/31/2013	001-N	001-W	ML10	Richland	31-0001516.000	Guernsey	ОН	519	2868	201300009423
OH0101001785-000	RICHARD D JOHNSON ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	10/29/2013	001-N	001-W	ML 10	Richland	31-0002106.000	Guernsey	ОН	509	2907	201300009436
OH0101001786-000	KENNETH P CAMERON ET UX	CARRIZO (UTICA) LLC	3/31/2014	011-N	007-W	3	Landonderry	20-0000099.000 20-0000100.000 20-0000101.000	Guernsey	ОН	514	2650	201400002688
OH0101001787-000	JAMES DALESSANDRO ET AL	CARRIZO (UTICA) LLC &	10/28/2013	001-N	001-W	ML 10	Richland	31-0001887.000	Guernsey	ОН	511	98	201300010530
0H0101001788-000	CONNIE TAMBURIN	CARRIZO (UTICA) LLC	12/5/2013	001-N	001-W	ML 10	Richland	31-0001766.000		OH	512	883	201400000638

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OH0101001789-000	AUNDRAY D JACKSON	CARRIZO (UTICA) LLC	8/11/2014	001-N	002-W	11	Richland	31-0000264.013	Guernrey	ОН	519	1024	201400006145
OH0101001790-000	ROBERT D SAYRE ET UX	CARRIZO (UTICA) LLC	11/30/2013	001-N	001-W	ML 10	Richland	31-0001843.000	Guernsey	OH	511	3068	201400000354
OH0101001791-000	JAMES KOSTIC ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	10/22/2013	001-N	001-W	ML 10	Richland	31-0002295.000	Guernsey	ОН	509	3330	201300009539
OH0101001793-000	RUSSELL STILLION ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	10/5/2013	001-N	001-W	ML 10	Richland	31-0001897.000	Guernsey	ОН	508	2954	201300008618
OH0101001794-000	STANLEY MASLOWSKI ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	11/8/2013	001-N	001-W	ML 10	Richland	31-0001870.000	Guernsey	ОН	510	902	201300009809
OH0101001795-000	SHAWN B MCFARLAND ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	10/25/2013	001-N	001-W	ML 10	Richland	31-0002251.000	Guernsey	ОН	509	2919	201300009440
OH0101001796-000	STEPHEN D TAYLOR ET UX	CARRIZO (UTICA) LLC	12/13/2013	001-N	001-W	ML 10	Richland	31-0002068.000	Guernsey	OH	512	2454	201400001026
OH0101001797-000	JAMES R FISHER JR ET UX	CARRIZO (UTICA) LLC &	12/10/2013	001-N	001-W	ML 10	Richland	31-0001688.000 31-0001689.000	Guernsley	ОН	512	3070	201400001203
OH0101001798-000	PAMELA K BAKER	CARRIZO (UTICA) LLC	4/18/2014	001-N	001-W	ML10	Richland	31-0002268.000	Guernsey	OH	516	274	201400003760
OH0101001799-000	MAURY LADAMSON ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	11/6/2013	001-N	001-W	ML10	Richland	31-0001908.000 31-0001909.000	Guernsey	OH	509	3292	201300009527
OH0101001800-000	SCOTT STEWART ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	10/30/2013	001-N	001-W	ML 10	Richland	31-0002293.000	Guernsey	ОН	511	135	201300010544
OH0101001801-000	JAMES W JARRETT ET UX	CARRIZO (UTICA) LLC &	11/25/2013	001-N	001-W	ML10	Richland	31-0002210.000 31-0002211.000	Guernsey	ОН	510	2539	201300010219
OHO101001802-000	THOMAS ZUK ET AL	CARRIZO (UTICA) ILC	1/31/2014	001-N	001-W	ML10	Richland	31-0001953.000 31-0001954.000	Guernsey	ОН	513	1370	2010400001618
OH0101001803-000	BETH LOY	CARRIZO (UTICA) LLC	12/31/2013	001-N	001-W	ML 10	Richland	31-0002311.000 31-0002054.000	Guernsey	ОН	512	495	201400000528
OH0101001804-000	VERNON L YONTZ ET UX	CARRIZO (UTICA) LLC & ACP HI UTICA	10/12/2013	001-N	001-W	ML 10	Alchiand	31-0002056.000 31-0002057.000	Guernsey	ОН	508	2984	201300008628
OH0101001805-000	GLENN MOORE ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	10/31/2013	001-N	001-W	ML10	Richland	31-0001827.000	Guernsey	ОН	509	2877	201300009426
OHO101001806-000	JOSEPH A MIHALIK ET UX	CARRIZO (UTICA) LLC &	10/16/2013	001-N	001-W	ML10	Richland	31-0002296.000	Guernsey	ОН	509	1166	201300009018

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H0101001807-000	SAMUEL R HOPKINS ET UX	CARRIZO (UTICA) I.L.C & ACP HI UTICA	10/16/2013	001-N	001-W	ML 10	Richland	31-0002265.000	Guernsey	ОН	509	1205	201300009031
00-808-000 H01010100	STEVEN A WAGNER	CARRIZO (UTICA) LLC & ACP III UTICA	11/28/2013	001-N	001-W	ML 10	Richland	31-0002243,000	Guernsey	ОН	511	84	201300010525
H0101001809-000	LAURENCE H COIL JR ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	11/8/2013	001-N	001-W	ML 10	Richland	31-0001893.000	Guernsey	ОН	510	926	201300009817
H0101001811-000	IENNIFER L CARPENTER ET AL	CARRIZO (UTICA) LLC & ACP III UTICA	10/25/2013	001-N	001-W	ML 10	Richland	31-0001861.000	Guernsey	ОН	509	2885	201300009429
OH0101001812-000	JOSEPH E PIERCE ET AL	CARRIZO (UTICA) LLC & ACP III UTICA	10/12/2013	001-N	001-W	ML 10	Richland	31-0001862.000	Guernsey	ОН	508	2999	201300008633
OH0101001815-000	EDWARD SHERMAN ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	10/29/2013	001-N	001-W	ML 10	Richland	31-0001914.000	Guernsey	ОН	509	2862	201300009421
OH0101001816-000	FRANK S JANOSS ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	10/31/2013	001-N	001-W	ML 10	Richland	31-0001544.000	Guernsey	ОН	510	923	201300009816
OH0101001817-000	MILLARD MORRIS	CARRIZO (UTICA) LLC &	10/29/2013	001-N	001-W	ML 10	Richland	31-0001912.000 31-0001913.000	Guernsey	ОН	509	2910	201300009437
OH0101001818-000	WILLIAM S NIEHAUS ET AL	CARRIZO (UTICA) LLC &	11/18/2013	001-N	001-W	ML 10	Richland	31-0002045.000	Guernsey	ОН	510	2521	201300010213
OH0101001819-000	MICHAEL D KANE ET UX	CARRIZO (UTICA) LLC	11/23/2013	001-N	001-W	ML 10	Richland	31-0001655.000 31-0001473.000	Guernsey	ОН	512	489	201400000526
OH0101001820-000	DONNA JO STINE	CARRIZO (UTICA) LLC & ACP III UTICA	10/24/2013	001-N	001-W	ML10	Richland	31-0001907.000	Guernsey	ОН	509	2880	201300009427
H0101001B21-000	JAMES E ANKROM	CARRIZO (UTICA) LLC	5/13/2014	001-N	001-W	ML10	Richland	31-0002175.000	Guernsey	OH	516	634	201400003833
OH0101001822-000	MATTHEW P CAVANAUGH ET	CARRIZO (UTICA) LLC & ACP XII UTICA	11/5/2013	001-N	001-W	ML 10	Richland	31-0001467.000 31-0001464.000	Guernsey	ОН	509	3327	201300009538
OH0101001823-000	LEROY MARRINER	CARRIZO (UTICA) LLC & ACP III UTICA	11/7/2013	001-N	001-W	ML 10	Richland	31-0002130.000	Guernsey	ОН	50 9	3312	201300009533
OH0101001824-000	LARRY M HUNDAGEN ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	11/7/2013	001-N	001-W	ML 10	Richland	31-0002121.000	Guernsey	OH	509	3306	201300009531
OH0101001825-000	FRANKLIN D CLINE ET UX	CARRIZO (UTICA) LLC	11/30/2013	001-N	001-W	ML 10	Richland	31-0002237.000		***	511	3077	201400000357
OH0101001826-000	DANIEL B SPENCER ET UX	CARRIZO (UTICA) LLC	8/19/2014	011-N	007-W	32	Londonderry	20-0001258.000	Guernsey	OH	519	1540	201400006255

Exhibit A-2 LEASES - Guernsey County

LEASE NUMBER	LESSOR	TEGE	LEASE EFFECTIVE DATE	TOWNSHIP	<u>RANGE</u>	SECTION	TOWNSHIP NAME	TAX PARCELLO.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
OH0101001827-000	LARRY E CAMPBELL ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	11/30/2013	001-N	001-W	ML 10	Richland	31-0002291.000 31-0002292.000	Guernsey	ОН	511	81	201300010524
OH0101001828-000	SHIRLEY A COSS	CARRIZO (UTICA) LLC	11/25/2013	001-N	001-W	ML 10	Richland	31-0001989.000	Guernsey	OH	510	2515	201300010211
DH0101001829-000	IAMES R BROWN ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	11/14/2013	001-N	001-W	ML 10	Richland	31-0002236.000	Guernsey	ОН	510	914	201300009813
DH0101001830-000	DAVID F JEFFERS ET UX	CARRIZO (UTICA) LLC	12/27/2013	001-N	001-W	ML 10	Richland	31-0001838.000	Guernsey	ОН	512	856	201400000629
DH0101001831-000	KEVIN D CARPENTER	CARRIZO (UTICA) LLC & ACP III UTICA	11/25/2013	001-N	001-W	ML 10	Richland	31-0001917.000	Guernsey	ОН	510	2536	201300010218
OH0101001832-000	JOSEPH WEATHERHOLT ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	11/18/2013	001-N	001-W	ML10	Richland	31-0001471.000 31-0001501.000	Guernsey	ОН	511	60	201300010517
OHO101001833-000	MICHAEL SIMPSON ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	11/18/2013	001-N	001-W	ML 10	Richland	31-0001880.000	Guernsey	ОН	511	37	201300010510
OH0101001834-000	JEANETTE M MERTZ	CARRIZO (UTICA) LLC & ACP III UTICA	11/1/2013	001-N	001-W	ML 10	Richland	31-0002280.000	Guernsey	СН	509	2898	201300009433
OH0101001835-000	THOMAS A BRIGGS ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	11/26/2013	001-N	001-W	ML 10	Richland	31-0002247.000	Guernsey	ОН	511	132	201300010543
OH0101001836-000	MARK T GRAFTON	CARRIZO (UTICA) LLC	1/23/2014	001-N 001-N	002-W 002-W	1 2	. Wills Center	47-0000005.000 10-0000001.000 47-0000105.000	Guernsey	ОН	512	2448	2014000001024
OH0101001837-000	GARY A BUTLER ET UX	CARRIZO (UTICA) LLC &	11/11/2013	001-N	001-W	ML 10	Richland	31-0001899.000 31-0001900.000	Guernsay	OH	510	905	201300009810
OH0101001838-000	JAMES V RHOADS	CARRIZO (UTICA) LLC & ACP IN UTICA	11/15/2013	001-N	001-W	ML 10	Richland	31-0001840.000	Guernsey	ОН	510	899	201300009808
OH0101001839-000	JAN M SCALES ET UX	CARRIZO (UTICA) LLC &	11/19/2013	001-N	001-W	ML 10	Richland	31-0001892,000	Guernsey	ОН	510	2527	201300010215
OH0101001840-000	STACEY L TOWE	CARRIZO (UTICA) LLC	1/29/2014	001-N	002-W	2	Center/Wills	47-0000039.000	Guernsey	OH	513	704	201400001441
OH0101001841-000	JERALD L MILLER JR ET UX	CARRIZO (UTICA) LLC	1/19/2014	001-N	001-W	2	Wills	47-0000106.000	1		513	707	201400001442
OH0101001842-000	SANDRA MICHELLI ET VIR	CARRIZO (UTICA) LLC	12/18/2013	001-N	002-W		Wills	47-0000152.000			512	1 40	201400000420
OH0101001843-000	LARRY W SCHOLIK ET AL	CARRIZO (UTICA) LLC	3/19/2014	001-N	002-W	1	Wills	47-0000135.000	Guernsey	OH	514	1821	201400002493
ОНО101001844-000	KATHLEEN M TAYLOR	CARRIZO (UTICA) LLC &	11/27/2013	001-N	001-W	ML10	Richland	31-0001911.000	Guernsey	ОН	511	117	201300010538

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Exhibit A-2 **LEASES - Guernsey County**

LEASE NUMBER	LESSOR	LESSIE	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCEL LD.	COUNTY	STATE	ROOK	PAGE	INSTRUMENT MUMBER
OH0101001845-000	JAMES J BALIK ET UX	CARRIZO (UTICA) LLC	12/17/2013	001-N	002-W	1	Wilks	47-000072.000 47-000073.000 47-000074.000 47-000075.000 47-000075.000 47-000078.000 47-000078.000 47-000081.000 47-000081.000 47-000083.000 47-000083.000 47-000083.000 47-000083.000 47-000083.000 47-000083.000	Guernsey	OH.	512	498	20140000529
OH0101001846-000	DANIEL A HOLSKEY ET UX	CARRIZO (UTICA) LLC &	11/18/2013	001-N	001-W	ML10	Richland	31-0001644.000	Guernsey	ОН	510	929	201300009818
OH0101001847-000	DAVID HEATH	CARRIZO (UTICA) LLC	12/29/2013	001-N	001-W	ML10	Richland	31-0001469.000	Guernsey	ОН	513	718	201400001446
OH0101001848-000	MICHAEL I CHIMLEY ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	11/18/2013	001-N	001-W	ML10	Richland	31-0002124.000	Guernsey	ОН	511	66	201300010519
OHO101001849-000	JOSEPH ANDREW OKOLISH	CARRIZO (UTICA) LLC & ACP III UTICA	11/24/2013	001-N	001-W	ML 10	Richland	31-0001669.000	Guernsey	ИО	510	2542	201300010220
OH0101001850-000	ELLEN G WILSON ET VIR	CARRIZO (UTICA) LLC	11/19/2013	001-N	001-W	ML 10	Richland	31-0002047.000			512	31	201400000417
H0101001851-000	THOMAS R FORSYTHE	CARRIZO (UTICA) LLC	11/30/2013	001-N	001-W	ML 10	Richland	31-0001502.000			512	34	201400000418
OHO101001852-000	RUSSELL R HUNTSMAN ET UX	CARRIZO (UTICA) LLC	12/30/2013	001-N	001-W	ML 10	Richland	31-0001866.000			511	3080	201400000358
OHO101001853-000	RACHAEL BUTLER ET VIR	CARRIZO (UTICA) LLC	1/24/2014	001-N	001-W	ML 10	Richland	31-0001947.000	Guernsen	OH	512	3076	201400001205
OH0101001854-000	TERRY L FABRY ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	11/30/2019	001-N	001-W	ML 10	Richland	31-0001675.000	Guernsey	OH	511	101	201300010531
OH0101001855-000	BRIAN ASHBROOK ET UX	CARRIZO (UTICA) LLC & ACP IN UTICA	10/31/2013	001-N	001-W	ML 10	Richland	31-0001991.000	Guemsey	/ ОН	509	3309	201300009532

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LEASE NUMBER	<u>LESSOR</u>	TERRE	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCEL LD.	COURTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
OH0101001856-000	LARRY FLIALKOWSKI ET UX	CARRIZO (UTICA) LLC	11/30/2013	001-N	001-W	ML 10	Richland	31-0001649.000	Guernsey	OH	512	13	201400000411
OH0101001857-000	JOHN T ERAZMUS IR ET UX	CARRIZO (UTICA) LLC	3/4/2014	001-N	001-W	ML 10	Richland	31-0001841.000	Guerrsey	OH	S14	27	201400002126
OH0101001858-000	REBECCA JANE ANDERSON ET VIR	CARRIZO (UTICA) LLC & ACP III UTICA	11/8/2013	001-N	001-W	ML 10	Richiand	31-0001750.000	Guernsey	ОН	512	3076	201400001205
OH0101001859-000	CURTIS P GILL	CARRIZO (UTICA) LLC & ACP III UTICA	10/24/2013	001-N	001-W	ML 10	Richland	31-0001507.000	Guernsey	ОН	509	2901	201300009434
DH0101001860-000	RITA M COYNE	CARRIZO (UTICA) LLC & ACP III UTICA	10/31/2013	001-N	001-W	ML 10	Richland	31-0002082.000	Guernsey	ОН	510	2524	201300010214
OH0101001861-000	BYRON NICHOLS ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	12/3/2014	001-N	001-W	ML 10	Richland	31-0001822.000	Guernsey	ОН	511	92	201300010528
OH0101001862-000	MICHAEL A ARBOGAST ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	12/26/2013	001-N	001-W	ML 10	Richland	31-0001472.000	Guernsey	ОН	512	48	201400000416
OH0101001863-000	NEAL SIMPSON ET UX	CARRIZO (UTICA) LLC	11/22/2013	001-N	001-W	ML 10	Richland	31-0001879.000	Guernsev	ОН	512	16	201400000412
DH0101001864-000	JOHN WALKER BALES SR ET UX	CARRIZO (UTICA) LLC	11/30/2013	001-N	001-W	ML 10	Richland	31-0001676.000	Guernsey	ОН	511	3074	201400000356
OH0101001865-000	DONALD CASEY ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	11/29/2013	001-N	001-W	ML 10	Richland	31-0001977.000			511	86	201300010526
OHO101001866-000	KENNETH D BRAGG	CARRIZO (UTICA) LLC	11/22/2013	001-N	001-W	ML 10	Richland	31-0001656.000	Guernsey	ОН	512	3061	201400001200
OH0101001867-000	LANCE ULLMAN ET UX	CARRIZO (UTICA) LLC	11/30/2013	001-N	001-W	ML 10	Richland	31-0001641.000		ОН	511	3071	201400000355
OH0101001868-000	KIM THOMPSON ET VIR	CARRIZO (UTICA) LLC &	11/30/2013	001-N	001-W	ML 10	Richland	31-0002196.000		ОН	511	120	201300010539
OH0101001869-000	DAVID E MANSPERGER ET UX	CARRIZO (UTICA) LLC	1/10/2014	001-N	001-W	ML 10	Richland	31-0002275.000	Guernsey	OH	512	506	201400000530
OH0101001870-000	HENRY L KELLER ET UX	CARRIZO (UTICA) LLC	12/12/2013	001-N	001-W	ML 10	Richland	31-0001691.000		ОН	512	847	201400000626
OH0101001871-000	CHARLES LEMMON ET UX	CARRIZO (UTICA) LLC	5/21/2014	001-N	001-W	ML 10	Richland	31-0002183,000		OH	517	488	201400004579
OH0101001872-000	STEVE C PRESSDEE ET UX	CARRIZO (UTICA) LLC	12/27/2013	001-N	001-W	ML 10	Richland	31-0001965.000			5143	. 740	201400001453
OH0101001B73-000	KEVIN D REEVES ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	11/30/2013	001-N	002-W	ML 10	Richland	31-0002039.000		ОН	511	138	201300010545
OH0101001874-000	HOWARD M SAMPSON ET UX	CARRIZO (UTICA) LLC	12/13/2013	001-N	001-W	ML 10	Richland	31-0002287.000	Guernsev	OH	512	: 88D	201400000637
OH0101001875-000	DORIS STARKEY ET VIR	CARRIZO (UTICA) LLC	3/12/2014	001-N	001-W	ML 10	Richland	31-0001853,000	red Salaran realists a	ОН	514	1303	201400002373
OHO101001876-000	TERRI FEE	CARRIZO (UTICA) LLC	11/26/2013	001-N	001-W	ML 10	Richland	31-0001672.000		OH	513	713	201400001444
OH0101001877-000	REUBEN DOBBIN ET UX	CARRIZO (UTICA) ILC	2/28/2014	001-N	001-W	ML 10	Richland	31-0001934.000		OH	516	271	201400003759
0H0101001878-000	ROBERT B ORR ET UX	CARRIZO (UTICA) LLC	6/3/2014	001-N	001-W	ML 10	Richland	31-0001723.000			517	451	201400004567

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LEASE NUMBER	LESSOR	TZIE	EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCEL L.D.	COUNTY	STATE	ROOK	PAGE	INSTRUMENT MUMBER
H0101001880-000	CHARLES CUNNINGHAM ET	CARRIZO(UTICA) LLC & ACP III UTICA	11/26/2013	001-N	001-W	ML 10	Richland	31-0001679.000	Guernsey	ОН	511	103	201300010532
H0101001881-000	ANGELA L HUGHES	CARRIZO (UTICA) LLC	1/14/2014	001-N	001-W	ML 10	Richland	31-0001746.000	Guernsey	ОН	512	2445	201400001023
H0101001882-000	RICH KENNEDY	CARRIZO (UTICA) LLC	1/13/2014	001-N	001-W	ML 10	Richland	31-0001653.000	Guernsey	OH	513	734	201400001451
H0101001883-000	DAVID W BONNELL ET UX	CARRIZO (UTICA) LLC	1/31/2014	001-N	001-W	ML10	Richland	31-0002225.000	Guernsey	OH	513	990	201400001533
H0101001884-000	WELDON M DAVIS ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	11/30/2013	001-N	001-W	ML10	Richland	31-0001514.000	Guernsey	ОН	511	126	201300010541
H0101001885-000	FRANCIS JOHN NIEMIEC ET UX	CARRIZO (UTICA) LLC	1/15/2014	001-N	001-W	ML 10	Richland	31-0001542,000	Guernsev	OH	513	721	201400001447
H0101001886-000	GUY SHELLEDY ET UX	CARRIZO (UTICA) LLC	11/27/2013	001-N	001-W	ML 10	Richland	31-0002263.000		ОН	512	37	201400000419
H0101001887-000	DERRICK GERAUD ET UX	CARRIZO (UTICA) LLC & ACP HI UTICA	11/15/2013	001-N	001-W	ML 10	Richland	31-0001875.000	Guernsey	ОН	510	920	201300009815
H0101001888-000	KENNETH J CORBIN ET UX	CARRIZO (UTICA) LLC & ACP HI UTICA	11/21/2013	001-N	001-W	ML 10	Richland	31-0002269.000	Guernsey	ОН	511	75	201300010522
H0101001889-000	BYRON J BISHOP JR ET UX	CARRIZO (UTICA) LLC &	11/8/2013	001-N	001-W	ML 10	Richland	31-0002200.000	Guernsey	ОН	509	3318	201300009535
XH0101001890-000	DONALD G CARPENTER ET UX	CARRIZO (UTICA) LLC	12/6/2013	001-N	001-W	ML 10	Richland	31-0001690.000	Guernsey	ОН	512	866	201400000632
H0101001891-000	KENNETH P DANIELS ET UX	CARRIZO (UTICA) LLC	11/30/2013	OCI-N	001-W	10	Richland	31-0001643.000	Guernsey	ОН	513	698	201400001439
H0101001892-000	CHARLES SOLTYSIAK ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	11/29/2013	001-N	001-W	ML 10	Richland	31-0001820.000 31-0001832.000	Guernsey	ОН	511	123	201300010540
H0101001893-000	WILLIAM N COWDEN ET LIX	CARRIZO (UTICA) LLC	9/15/2014	001-N	001-W	34	Richland	31-0000069.000	Guernsey	OH	520	1595	201400007069
H0101001894-000	GREGORY G SPIROS	CARRIZO (UTICA) LLC & ACP III UTICA	11/23/2013	001-N	001-W	ML 10	Richland			· · · · · ·	510	2545	201300010221
H0101001895-000	JOHN W CARPENTER ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	11/21/2013	001-N	001-W	ML 10	Richland	31-0001818.000	Guernsey	он І	511	106	201300010533
XH0101001896-000	LINDA KAY MANNING ET VIR	CARRIZO (UTICA) LLC & ACP III UTICA	11/30/2013	001-N	001-W	ML10	Richland	31-0001966,000	Guernsey	ОН	511	114	201300010537
H0101001897-000	MICHAEL B SELEY ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	11/22/2013	001-N	001-W	ML 10	Richland	31-0001819.000 31-0001948.000	Guernsey	ОН	511	48	201300010513
H0101001898-000	KARYL PERKO ET VIR	CARRIZO (UTICA) LLC	1/18/2014	001-N	001-W	ML 10	Alchland	31-0001671.000 31-0001661.000	Guernsey	ОН	513	, 695	201400001438
H0101001899-000	HOBERT LJOHNSON ET AL	CARRIZO (UTICA) LLC	12/17/2013	001-N	001-W	ML 10	Richland		Guernsey	OH	511	3065	201400000353

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LEASE NUMBER	LESSOR	LESSEE	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCEL LD.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
OH0101001900-000	JOSEPH W BROWN ET AL	CARRIZO (UTICA) LLC & ACP III UTICA	11/14/2013	001-N	001-W	ML 10	Richland	31-0001768.000	Guernsey	ОН	S10	917	201300009814
OH0101001901-000	LOUELLA J BROWN ET AL	CARRIZO (UTICA) LLC & ACP III UTICA	10/29/2013	001-N	001-W	ML 10	Richland	31-0001621.000	Guernsey	ОН	509	3301	201300009530
OH0101001902-000	RYAN KERNIK ET UX	CARRIZO (UTICA) LLC & ACP III UTICA	12/5/2013	001-N	001-W	ML 10	Richland	31-0001504.000	Guernsey	ОН	512	3067	201400001202
OH0101001903-000	HOLLY J CASEMAN	CARRIZO (UTICA) LLC	12/30/2013	001-N	001-W	ML 10	Richland	31-0001651.000	Guerrsev	OH	512	863	201400000631
OH0101001904-000	HARRY W TRUESDELL ET AL	CARRIZO (UTICA) LLC	11/30/2013	001-N	001-W	ML 10	Richland	31-0001902.000	Guernsey	ОН	512	25	201400000415
OH0101001905-000	JAMES E ADAMS ET AL	CARRIZO (UTICA) LLC & ACP III UTICA	10/25/2013	001-N	001-W	ML 10	Richland	31-0001658.000	Guerksey	ОН	509	2889	201300009430
OH0101001906-000	MARK COOPER ET UX	CARRIZO (UTICA) LLC	1/27/2014	001-N	001-W	ML 10	Richland	31-0001968.000	Guerrsev	OH !	513	715	201400001445
DH0101001907-000	CURTIS E SANDERS ET AL	CARRIZO (UTICA) LLC	1/27/2014	001-N	001-W	ML 10	: Richland	31-0002227.000 31-0002228.000 31-0002229.000	Guernsey	ОН	513	981	201400001530
OH0101001908-000	JOHN R HATCHER ET AL	CARRIZO (UTICA) LLC	12/17/2013	001-N	001-W	ML 10	Richland	31-0001978.000	Guernsey	ОН	512	877	2010400000636
OH0101001909-000	KEVIN A SOKOLOWSKI ET AL	CARRIZO (UTICA) LLC	10/31/2013	001-N	001-W	ML 10	Richland	31-0001864.000	Guernsey	ОН	512	850	201400000627
OH0101001910-000	CHRIS NEITZELT ET AL	CARRIZO (UTICA) LLC & ACP IN UTICA	11/5/2013	001-N	001-W	ML 10	Richland	31-0001622.000	Guernsey	ОН	509	3324	201300009537
OH0101001911-000	DICK HOY ET UX	CARRIZO (UTICA) LLC	11/30/2013	001-N	001-W	ML 10	Richland	31-0001623.000	Guernsey	OH	513	724	201400001448
OH0101001912-000	LONDONDERRY UNITED METHODIST CHURCH	CARRIZO (UTICA) LLC	8/27/2014	011-N	007-W	20	Londonderry	20-0000745.000	Guernsey	ОН	520	107	201400006745
OH0101001914-000	LEWIS E GAUTSCHI ET AL	CARRIZO (UTICA) LLC & ACP III UTICA	11/25/2013	001-N	001-W	ML 10	Richland	Special photographical control and the control of t	Guernsey	ОН	511	78	201300010523
OH0101001916-000	KATHLEEN PERSIC ET VIR	CARRIZO (UTICA) LLC	5/14/2014	003-N	002-W	1	Jefferson	13-0000494,000	Guernsey	ОН	517	1964	201400004913
OH0101001918-000	CHRISTOPHER R DENNIS ET UX	CARRIZO (UTICA) LLC	4/9/2014	001-N	002-W	9, 10	Richland	31-0002468.000 31-0002472.000	Guernsey		516	640	201400009835
OH0101001919-000	RUSSELL STILLION ET UX	CARRIZO (UTICA) LLC	4/14/2014	001-N	002-W	9, 10	Richland	31-0002415.000 31-0002417.000	Guernsey	ОН	516	262	201400003756

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Exhibit A-2 **LEASES - Guernsey County**

<u>LEASE NUMBER</u>	LESSOR	LESSEE	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCEL LD.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
OHO101001920-000	DONNA M DAVIS	CARRIZO (UTICA) LLC	6/3/2014	001-N	002-W	6	Richland	31-0003185.000 31-0003186.000 31-0003187.000 31-0003188.000 31-0003189.000 31-0003190.000	Guernsey	ОН	517	478	201400004576
OH0101001921-001	RODNEY L BOCKBRADER ET UX	BRAXTON ENERGY LLC	5/20/2014	004-N 004-N	001-W	10 11	Washington	40-0000183.00 40-0000631.00	Guernsey	ОН	516	1677	201400004041
DH 0101001921-002	COVEY RISE MINERALS LLC	BRAXTON ENERGY LLC	5/12/2014	004-N 004-N	001-W 001-W	10 11	Washington	40-0000183.000 40-0000631.000	Guernsey	ОН	517	1040	201400004673
OH0101001921-003	BRAXTON MINERALS ILC	BRAXTON ENERGY LLC	5/20/2014	004-N 004-N	001-W 001-W	10 11	Washington	40-0000183.000 40-0000631.000	Guernsey	ОН	516	1674	201400004040
OHO101001921-004	BAYOU VISTA LAND AND PRODUCTION CO	BRAXTON ENERGY LLC	6/4/2014	004-N 004-N	001-W 001-W	10 11	Washington	40-0000183.000 40-0000631.000	Guernsey	ОН	517	1037	201400004672
OH0101001924-000	CHARLES LODGE ET UX	SKZ INC	5/13/1986	011-N	007-W	21	Londonderry	20-0001471.000	Guernsey	OH	102	632	
OH0101001925-000	BARBARA A MEREDITH	NORTH COAST ENERGY	2/20/2001	011-N	007-W	27	Londonderry	20-0000439.000	Guernsey	OH	267	556	
OH0101001926-000	EARL B SUTER ET UX	CARRIZO (UTICA) LLC	3/24/2014	001-N	001-W	ML 10	Richland	31-0001506.000	Guernsey	OH	514	2647	201400002687
OH0101001927-000	BARRY J VARGO ET UX	CARRIZO (UTICA) ILC	5/22/2014	001-N	001-W	ML 10	Richland	31-0001503.000 31-0001664.000	Guernsey	ОН	\$17	454	201400004568
OH0101001928-000	RICCI MICHELLE DIGUILIO	CARRIZO (UTICA) LLC	6/10/2014	D01-N	001-W	ML 10	Richland	31-0002279.000	Guernsey	OH	517	1967	201400004914
OH0101001929-000	CHARLES A BURSEE ET UX	CARRIZO (UTICA) LLC	6/28/2014	001-N	001-W	ML 10	Richland	31-0001659.000	Guernsey	ОН	518	3335	201400005887
OH0101001930-000	EDWARD E LANCASTER ET UX	CARRIZO (UTICA) LLC	3/31/2014	001-N	001-W	ML 10	Richland	31-0001657.000	Guernsey	OH	516	277	201400003761
OH0101001931-000	MARK MATTUCCI ET UX	CARRIZO (UTICA) LLC	2/25/2014	001-N	001-W	ML 10	Richland	31-0002245.000	Guernsey	OH	514	21	201400002124
OH0101001932-000	JOHN RIECK ET UX	CARRIZO (UTICA) LLC	3/31/2014	001-N	001-W	ML 10	Richland	31-0001956.000	Guernsey	OH	517	469	201400004573
OH0101001933-000	ERIC TUCKER ET UX	CARRIZO (UTICA) LLC	3/31/2014	001-N	001-W	ML 10	Richland		Guernsey	OH	516	280	201400003762
OH0101001934-000	CHARLES O NOFFSINGER ET	CARRIZO (UTICA) LLC	5/30/2014	001-N	001-W	ML 10	Richland	31-0002272.000		OH	517	491	201400004580
OH0101001935-000	CHRISTOPHER KNIGHT ET UX	CARRIZO (UTICA) LLC	4/30/2014	001-N	001-W	ML 10	Richland	31-0002244.000	Guernsey	OH	517	1961	201400004912
OH0101001936-000	TRENT D TIFFANY ET UX	CARRIZO (UTICA) LLC	3/31/2014	001-N	001-W	ML 10	Richland	31-0002249.000	Guernsey	OH	516	268	201400003758
OH0101001937-000	JAMES W LOEW ET UX	CARRIZO (UTICA) LLC	3/16/2014	001-N	001-W	ML 10	Richland	31-0001700.000	Guernsey	ОН	514	1285	201400002367
OH0101001938-000	JAMES D JONES ET AL	CARRIZO (UTICA) LLC	6/23/2014	001-N	0D1-W	2	Wills	44-0001057.001 44-0001057.003	Guernsey	ОН	517	1949	201400004908

LEASE NUMBER	LESSOR	LESSEE	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCEL L.D.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
OHO101001939-000	JOHN L KURUCZ ET UX	CARRIZO (UTICA) LLC	7/16/2014	001-N	001-W	ML 10	Richland	31-0001901.000	Guernsey	ОН	518	3328	201400005885
DH0101001940-000	DENNIS M BIEDENBACH ET UX	CARRIZO (UTICA) LLC	5/20/2014	001-N	001-W	ML 10	Richland	31-0001532.000 31-0001509.000	Guernsey	OH	517	463	201400004571
OH0101001941-000	ROSS ROSKOVICH ET UX	CARRIZO (UTICA) LLC	5/27/2014	001-N	001-W	ML 10	Richland	31-0001895.000	Guernsey	ОH	517	472	201400004574
OHO101001942-000	GREGORY JOHN NICODEMUS ET UX	CARRIZO (UTICA) LLC	3/13/2014	001-N	001-W	ML 10	Richland	31-0001620.000 31-0001546.000	Guernsey	OH	516	283	201400003763
DH0101001943-000	DENNIS BALDWIN	CARRIZO (UTICA) LLC	1/30/2014	001-N	001-W	ML 10	Richland	31-0001903.000	Guerrsey	OH	513	987	201400001532
OHO101001944-000	GEORGE VEITH ET UX	CARRIZO (UTICA) LLC	8/5/2014	001-N	001-W	ML 10	Richland	31-0001707.000	Guernsey	ОН	519	2703	201400006525
DH0101001945-000	FRANK C PALISWAT ET UX	CARRIZO (UTICA) LLC	9/12/2014	001-N	001-W	ML 10	Richland	31-0001628.000	Guernsey	ОН	520	1603	201400007073
OHO101001946-000	GARY W MORRIS ET AL	CARRIZO (UTICA) LLC &	11/1/2013	001-N	001-W	ML 10	Richland	31-0001817.000	Guernsey	ОН	510	1715	201300010022
OHO101001947-000	THOMAS L WELSH ET UX	CARRIZO (UTICA) LLC	2/28/2014	001-N	001-W	ML 10	Richland	31-0001511.000	Guernsey	ОН	514	1300	201400002372
DH0101001948-000	MONTY YOUNG ET UX	CARRIZO (UTICA) LLC	3/25/2014	001-N	001-W	ML10	Richland	31-0001665.000 31-0001515.000	Guernsey	ОН	514	1818	201400002492
OHO101001949-000	MARK L WISE ET UX	CARRIZO (UTICA) LLC	6/10/2014	: 001-N	001-W	ML10	Richland	31-0001666.000	Guernsey	OH	517	1952	201400004909
OH0101001950-000	BARBARA KENNARD ET VIR	CARRIZO (UTICA) LLC	6/23/2014	001-N	001-W	ML 10	Richland	31-0002222.000	Guernsey	ОН	518	3338	201400005888
OHO101001951-000	DAVID A BARNES ET UX	CARRIZO (UTICA) LLC	2/28/2014	001-N	001-W	ML10	! Richland	31-0001531.000	Guernsey	OH	514	: 6	201400002119
OH0101001952-000	JOHN E BEST JR ET UX	CARRIZO (UTICA) LLC	3/5/2014	001-N	001-W	ML10	Richland	31-0002276.000	Guernsey	ОН	514	1297	201400002371
OH0101001953-000	EDWARD N HURD ET UX	CARRIZO (UTICA) LLC	2/28/2014	001-N	001-W	ML 10	Richland	31-0001915.000 31-0001916.000	Guernsey	CH	514	1294	201400002370
OH0101001954-000	HAROLD W MARSH ET AL	CARRIZO(UTICA) LLC &. ACP III UTICA	10/31/2013	001-N	001-W	ML10	Richland	31-0001952.000	Guernsey	ОН	509	3333	201300009540
OH0101001955-000	PAUL A CORTEL	CARRIZO (UTICA) LLC	3/10/2014	001-N	001-W	ML 10	Richland	31-0001983,000	Guernsey	ОН	514	1291	201400002369
OH0101001956-000	RANDALL H J FOSTER ET UX	CARRIZO (UTICA) LLC	3/12/2014	D01-N	001-W	ML10	Richland	31-0001939.000	g as a A	ОН	514	1282	201400002366
OH0101001957-000	CLIFFORD FORDYCE ET UX	CARRIZO (UTICA) LLC	3/5/2014	001-N	001-W	ML 10	Richland	31-0001505.000	Guernsey	OH	514	12	201400002121
OH0101001958-000	WILLIAM D FAKEY ET UX	CARRIZO (UTICA) LLC	2/19/2014	001-N	001-W	ML 10	Richland	31-0002195.000	Guernsey	OH	509514	329518	201400002123
OH0101001959-000	JOHN SAMIDA	CARRIZO (UTICA) LLC	4/30/2014	001-N	001-W	ML 10	Richland	31-0001813-000	Guernsey	OH	517	466	201400004572
OH0101001960-000	LAWRENCE E LANCH ET UX	CARRIZO (UTICA) LLC	3/4/2014	001-N	001-W	ML 10	Richland	31-0002233.000	Guernsey	ОН	514	9	201400002120
DH0101001961-000	ELIAS KARDASSIS ET UX	CARRIZO(UTICA) LLC &	11/20/2013	001-N	002-W	ML 10	Richland	31-0001833.000	Guernsey	ОН	511	95	201300010529
OHO101001962-000	GRENNELL FAMILY TRUST	CARRIZO (UTICA) LLC	6/4/2014	001-N	001-W	ML 10	Richland	31-0001646,000	Guernsey	ОН	517	494	201400004581

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<u>LEASE NUMBER</u>	LESSOR	LESSEE	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP. NAME	TAX PARCEL L.D.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
OHD101001963-000	LUCIAN WEESE ET UX	CARRIZO (UTICA) LLC	5/9/2014	001-N	D01-W	ML10	Richland	31-0001821.000	Guernsey	OH	517	1955	201400004910
OH0101001964-000	JEFFREY LIOHNSON ET UX	CARRIZO (UTICA) LLC	8/6/2014	001-N	001-W	ML 10	Richland		Guernsey	OH	519	2700	201400006524
OH0101001965-000	ROSEANN LUCCI	CARRIZO (UTICA) LLC	12/29/2013	001-N	001-W	ML 10	Richland		Guernsey	OH	512	853	201400000628
OH0101001966-000	LISA WILSON ET VIR	CARRIZO (UTICA) LLC	2/27/2014	001-N	001-W	ML 10	Richland	31-0001985.000	Guarnsey	OH	514	2656	201400002690
OH0101001967-000	RODNEY GHEEN JR ET UX	CARRIZO (UTICA) LLC	5/31/2014	001-N	001-W	ML 10	Richland	31-0001846.000	Guernsey	OH	517	1958	201400004911
OH0101001968-000	DAVIDGE HIN STIR	CARRIZO(UTICA) LLC &	11/25/2013	001-N	001-W	ML 10	Richland	31-0001990.000	Guernsey	ОН	511	129	201300010542
OHD101001969-000	DENNIS MOORE ET UX	CARRIZO (UTICA) LLC	3/20/2014	001-N	001-W	ML 10	Richland	31-0002055.000	Guernsey	ОН	521	600	201400007622
OH0101001970-000		CARRIZO (UTICA) LLC & ACP III UTICA	11/15/2013	009-N	007-W	32	Millwood	25-0000098.000	Guernsey	ОН	510	896	201300009807
OH0101001971-000	RICHARD C GRAVES JR	CARRIZO (UTICA) LLC	5/28/2014	Q11-N	007-W	20	Londonderry	20-0000715.000	Guernsey	OH	521	1185	201400007749
OH0101001973-000	BOX OF RAIN FARMS LLC	CARRIZO (UTICA) LLC	8/27/2014	011-N	007-W	20	Londonderry	20-0000855.000	Guernsey	ОН	520	3313	201400007468
OH0101001974-000	JEFFREY S YOUNG SR ET UX	CARRIZO (UTICA) LLC	8/7/2014	001-N	001-W	ML 10	Richland	31-0002043.000	Guernsey	OH	519	2697	201400006523
OH0101001975-000	SAMILE DECORER ET LIX	CARRIZO (UTICA) LLC & ACP RI UTICA	10/30/2013	001-N	001-W	ML10	Richland	31-0001825.000 31-0001826.000	Guernsey	ОН	509	2871	201300009424
OHO101001976-000	KENNETH KOZEMPA ET AL	CARRIZO (UTICA) LLC	11/30/2013	001-N	001-W	ML10	Richland	31-0001626.000	Guernsey	ОH	512	872	201400000634
OH0101001977-000	ROBERT C JONES JR	CARRIZO (UTICA) LLC & ACP III UTICA	11/1/2013	001-N	001-W	ML10	Richland	31-0001941.000	Guernsey	ОН	509	2895	201300009432
OH01D1001978-000	LEE NEAL BOND ET UX	CARRIZO (UTICA) LLC	6/24/2014	011-N	007-W	26	Londonderry	20-0000675.000 20-0000875.000 20-0000877.000	Guernsey	. OH	517	2202	201400004960
OHÒ101001979-000	JAMES O SPEIER ET UX	CARRIZO (UTICA) LLC	1/30/2014	001-N	002-W	10	Richland	20-0001858.000	Guernsev	OH	513	701	201400001440
OH0101001980-000	BRETT BATTON ET UX	CARRIZO (UTICA) LLC	7/10/2014	011-N	007-W	8	Londonderry	20-0001411.000	Guernsev	OH	519	729	201400006076
OH0101001982-000	BIRMINGHAM UNITED METHODIST CHURCH	CARRIZO (UTICA) LLC	5/22/2014	004-N	002-W	11	Monroe	25,0001949,000	Guerniey		517	482	201400004577
OH0101001983-000	RONALD E MCCLINTOCK SR ET AL	CARRIZO (UTICA) LLC & ACP III UTICA	11/23/2013	001-N	002-W	10	Richland	34-0000055.000	Guernsey	ОН	511	40	201300010511

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Exhibit A-2

LEASES - Guernsey County Attached to and made part of that certain Assignment,

Bill of Sale and Conveyance between Carrizo, Carrizo Utica and Ascent dated effective 4/1/2017.

LEASE NUMBER	LESSOR	LESEE	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCEL LD.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
OH0101001985-001	CLARENCE PAUL EDWARDS JR ETUX	WILLIAM N TIPKA	2/16/1983	004-N	001-W	9	Washington	40-000248.003 40-0000248.003 40-0000248.003 40-0000248.004 40-0000248.005 40-0000248.005 40-0000248.005	Guernsey	ОН	96	82	88111
OHO101001986-000	BYRAN E NICHOLS ET UX	CARRIZO (UTICA) LLC	10/16/2014	001-N	001-W	ML 10	Richland	31-0001788.000	Guernsey	ОН	521	1977	201400007936
OHO101001987-000	ROBERT M ORR ET UX	CARRIZO (UTICA) LLC	10/1/2014	GO1-N	001-W	ML 10	Richland	31-0001851.000 31-0001852.000	Guernsey	ОН	521	575	201400007612
OH0101001988-000	BARBARA A KOSCOE	CARRIZO (UTICA) LLC	10/21/2014	001-N	001-W	ML 10	Richland	31-0001856.000	Guernsey	ОН	521	1964	201400007930
OH0101001989-000	TED W HUNT ET UX	CARRIZO (UTICA) LLC	9/26/2014	001-N	001-W	ML 10	Richland	31-0001742.000	Guernsey	OH	521	585	201400007616
OH0101001990-001	RAY W PARKER ET UX	WNT OPERATING INC	5/20/1987	004-N	001-W	12	Washington	40-0000185.000	Guernsey	OH	103	874	10465
OH0101001991-000	ROGER A BIRCH ET UX	(CARRIZO (UTICA) LLC	10/21/2014	001-N	001-W	ML10	Richland	31-0001650.000	Guernsey	OH	521	1970	201400007933
OH0101001992-000	TIMA TONNOUS ET VIR	CARRIZO (UTICA) LLC	10/23/2014	001-N	001-W	ML 10	Richland	31-0001973.000 31-0001974.000 31-0001785.000 31-0001701.000	Guernsey	ОН	521	1972	201400007934
OH0101001993-000	WILLIAM E THORNTON ET UX	CARRIZO (UTICA) LLC	12/11/2014	001-N	002-W	1	Wills	46-0000033,000	Guernsev	ОН	522	3545	201400008949
OH0101001996-001	STONE LEDGE LLC	CARRIZO (UTICA) LLC	12/9/2014	001-N	001-W	9	Richland	33-0000005,010	a manufacture and a section	ОН	521	590	201400007618
OH0101001997-000	LINDA BRAGG ET VIR	CARRIZO (UTICA) LLC	8/12/2014	001-N	001-W	ML10	Richland	31-0001740.000	Guerniev	OH	51 9	2694	201400006522
OH0101001998-000	DAVID H BARNES ET UX	CARRIZO (UTICA) LLC	10/15/2014	001-N	001-W	ML10	Richland	31-0002235.000		ОН	521	590	201400007618
OH0101001999-000	MARGARET A SKAPIK	CARRIZO (UTICA) LLC & ACP III LLC	10/29/2013	001-N	001-W	ML 10	Richland		Guerniey	ОН	510	890	201300009805
OH0101001700-000	RICHARD & AND LORETTA S MILLESON LT	CARRIZO (UTICA) LLC	1/11/2014	011-N 010-N	007-W	3 29	Londonderry Moorefield	20-0000237.000 17-0000712.000	Guernsey Harrison	ОН	513 221	731 1591	20140000145
	MILLERUR LI	<u>. </u>	<u>: </u>	, U1U-N	1000-84		: muck/enleid	: 17-0000/12.000	I Natrison			; 1591	201400003533

Exhibit A-2

LEASE NUMBER	LESSOR	LESSEE	LEASE EFFECTIVE DATE	TOWNSHIP	RANGE	SECTION	TOWNSHIP NAME	TAX PARCELID.	COUNTY	STATE	BOOK	PAGE	INSTRUMENT NUMBER
OH0101001020-001	EDDIÉ G POTTS ET UX	CARRIZO (UTICA) LLC	4/4/2012	001-N 001-N	001-W 001-W	18, ML7, 12, 13 19	Richland Wayne	31-0002994.000 31-0002996.001 31-0002831.000 31-0002830.000 31-0001682.000 31-000081.000 31-000081.000 36-0021095.009 36-0021095.012	Guernsey Noble	ОН	201	640	201200053723

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	Instrument 201700006694 OR	Book Pase 552 1264
Exhibit A-3		
Wells		
See attached.		

instrument or

Exhibit A-3

WELLS - Guernsey County

COUNTY	TOWNSHIP	WELL NAME	ODNR NAME	PERMIT NUMBER	OPERATOR	WELL OWNER
GUERNSEY	RICHLAND	Rector #1H	Rector #1H	34059242730000	CRZO	Carrizo (Utica) LLC
GUERNSEY	WASHINGTON	Brown #1H	Brown #1H	34059243130000	CRZO	Carrizo (Utica) LLC
GUERNSEY	LONDONDERRY	Wagler #1H	Wagler #1H	34059243680000	CRZO	Carrizo (Utica) LLC
GUERNSEY	LONDONDERRY	Wagier #2H	Wagler #2H	34059243860000	CRZO	Carrizo (Utica) LLC
GUERNSEY	LONDONDERRY	Miller 1-25H	Miller 1-25H	34059242230000	GULFPORT	Gulfport
GUERNSEY	LONDONDERRY	Miller 2-25H	Miller 2-25H	34059242910000	GULFPORT	Gulfport
GUERNSEY	LONDONDERRY	Miller 3-25H	Miller 3-25H	34059242900000	GULFPORT	Gulfport
GUERNSEY	WILLS	SHIPMAN WLS GR 2H	SHIPMAN WLS GR 2H	34059244670000	ASCENT	Ascent Resources - Utica, LLC
GUERNSEY	WILLS	SHIPMAN WLS GR 6H	SHIPMAN WLS GR 6H	34059244690000	ASCENT	Ascent Resources - Utica, LLC

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Exhibit A-4

Shallow Wells and Uncompleted Wells

See attached.

Instrument 2017000006694 OR

Exhibit A-4 SHALLOW WELLS AND UNCOMPLETED WELLS

			GUERNSEY COUNTY			
COUNTY	TOWNSHIP	WELL NAME	ODNR NAME	PERMIT NUMBER	<u>OPERATOR</u>	WELL OWNER
GUERNSEY	WASHINGTON	Slimbosky #1	SLIMBOSKY ADDED PROD96 1	34059223980000	APC	Carrizo (UTICA) LLC
GUERNSEY		Big Brother #1	BIG BROTHER ADDED PROD96 1	34059223990000	APC	Carrizo (UTICA) LLC
GUERNSEY	WASHINGTON	Big Brother Unit #1	BIG BROTHER UNIT ADDED PROD96 1	34059226050000	APC	Carrizo (UTICA) LLC
GUERNSEY		Peterson D #1	PETERSON ADDED PROD96 1	34059223970000	APC	Carrizo (UTICA) LLC
GUERNSEY		Peterson Unit #1	PETERSON UNIT ADDED PROD96 1	34059225970000	APC	Carrizo (UTICA) LLC
GUERNSEY		Young R #1	YOUNG R. ADDED PROD96 1	34059227250000	APC	Carrizo (UTICA) LLC
GUERNSEY		Glass A #1	GLASS A. ADDED PROD96 1	34059225980000	APC	Carrizo (UTICA) LLC
GUERNSEY		Greenwalt S #1	GREENWALT S. ADDED PROD96 1	34059227230000	APC	Carrizo (UTICA) LLC
GUERNSEY		Bertine M #2	BERTINE M. ADDED PROD96 2	34059226220000	APC	Carrizo (UTICA) LLC
GUERNSEY		Daugherty G #1	DAUGHERTY G. ADDED PROD96 1	34059227360000	APC	Carrizo (UTICA) LLC
GUERNSEY		Getz M #1	GETZ M. ADDED PROD96 1	34059227220000	APC	Carrizo (UTICA) LLC
GUERNSEY		Tedrick V #1	TEDRICK V. ADDED PROD96 1	34059224150000	APC	Carrizo (UTICA) LLC
GUERNSEY		Tedrick V #2	TEDRICK V. ADDED PROD96 2	34059225780000	APC	Carrizo (UTICA) LLC
GUERNSEY		Fordyce Unit #1	FORDYCE UNIT ADDED PROD96 1	34059226230000	APC	Carrizo (UTICA) LLC
GUERNSEY		Fassinger Unit #1	FASSINGER UNIT ADDED PROD96 1	34059226180000	APC	Carrizo (UTICA) LLC
GUERNSEY		ECK J #1	ECK ADDED PROD96 1	34059223930000	APC	Carrizo (UTICA) LLC
GUERNSEY	WASHINGTON	ECK J #2	ECK ADDED PROD96 2	34059225800000	APC	Carrizo (UTICA) LLC
GUERNSEY	MONROE	Miller S #1	MILLER S. ADDED PROD96 1	34059221350000	APC	Carrizo (UTICA) LLC
GUERNSEY		Miller S #2	MILLER S. ADDED PROD96 2	34059221650000	APC	Carrizo (UTICA) LLC

Exhibit A-4 SHALLOW WELLS AND UNCOMPLETED WELLS

COUNTY	TOWNSHIP	WELL NAME	ODNR NAME	PERMIT NUMBER	OPERATOR	WELL OWNER
GUERNSEY	MONROE	Beal V #1	BEAL V. ADDED PROD96 1	34059221660000	APC	Carrizo (UTICA) LLC
GUERNSEY	MONROE	Larrick J #2	LARRICK J. ADDED PROD96 2	34059223700000	APC	Carrizo (UTICA) LLC
GUERNSEY	MONROE	Miller W #2	MILLER W. ADDED PROD96 2	34059222530000	APC	Carrizo (UTICA) LLC
GUERNSEY	MONROE	E & J Investments #1	E&J INVESTMENTS ADDED PROD96 1	34059221620000	APC	Carrizo (UTICA) LLC
GUERNSEY	MONROE	E & J Investments #2	E&J INVESTMENTS 2	34059221640000	APC	Carrizo (UTICA) LLC
GUERNSEY	MONROE	E & J Investments #3	E&J INVESTMENTS ADDED PROD96 3	34059224250000	APC	Carrizo (UTICA) LLC
GUERNSEY	MONROE	Downer M #2	DOWNER M. ADDED PROD96 2	34059224290000	APC	Carrizo (UTICA) LLC
GUERNSEY	MONRCE	Carter A #1	CARTER A. ADDED PROD96 1	34059222440000	APC	Carrizo (UTICA) LLC
GUERNSEY	MONROE	Downer M #1	DOWNER M. ADDED PROD96 1	34059223580000	APC	Carrizo (UTICA) LLC
GUERNSEY	MONROE	Rafferty P #1	RAFFERTY P. ADDED PROD96 1	34059222070000	APC	Carrizo (UTICA) LLC
GUERNSEY	MONROE	Horton S #1	HORTON S. ADDED PROD96 1	34059222060000	APC	Carrizo (UTICA) LLC
GUERNSEY	MONROE	Lanning-Aiken #1	LANNING-AIKEN ADDED PROD96 1	34059225830000	APC	Carrizo (UTICA) LLC
GUERNSEY	MONROE	Lanning G #1	LANNING G. ADDED PROD96 1	34059225670000	APC	Carrizo (UTICA) LLC
GUERNSEY	MONROE	Yoho M #1	YOHO M. ADDED PROD96 1	34059224230000	APC	Carrizo (UTICA) LLC
GUERNSEY	MONROE	Bonnell W #1	BONNELL W. ADDED PROD96 1	34059224650000	APC	Carrizo (UTICA) LLC
GUERNSEY	MONROE	Larrick F #1	LARRICK F. ADDED PROD96 1	34059223690000	APC	Carrizo (UTICA) LLC
GUERNSEY	MONROE	Miller R #1	MILLER ROMA & MARIE 1	34059223670000) APC	Carrizo (UTICA) LLC
GUERNSEY	WASHINGTON	Steward G #1	STEWARD ADDED PROD96 1	34059224240000	APC_	Carrizo (UTICA) LLC
GUERNSEY	WASHINGTON	Steward G #2	STEWARD ADDED PROD96 2	34059224300000		Carrizo (UTICA) LLC
GUERNSEY	WASHINGTON	Bradfield V #1	BRADFIELD ADDED PROD96 1	34059223960000		Carrizo (UTICA) LLC
GUERNSEY	MONROE	Warnock K #1	WARNOCK K. ADDED PROD96 1	3405922359000	APC APC	Carrizo (UTICA) LLC

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Exhibit A-4 SHALLOW WELLS AND UNCOMPLETED WELLS

COUNTY	TOWNSHIP	WELL NAME	ODNR NAME	PERMIT NUMBER	<u>OPERATOR</u>	WELL OWNER
GUERNSEY	WASHINGTON	Patterson R #1	PATTERSON R. ADDED PROD96 1	34059223910000	APC	Carrizo (UTICA) LLC
GUERNSEY		Hendershot-Roe Unit 1	HENDERSHOT-ROE UNIT 1	34059240600000	CRZO	Carrizo (UTICA) LLC
GUERNSEY	RICHLAND		HENDERSHOT-ROE UNIT 2	34059240910000	CRZO	Carrizo (UTICA) LLC
GUERNSEY			SMITH UNIT 1	34059240810000	CRZO	Carrizo (UTICA) LLC
GUERNSEY	RICHLAND	Rector East #2H*		34059244000000	CRZO	Carrizo (UTICA) LLC
GUERNSEY	RICHLAND	Rector East #14H*		34059244020000	CRZO	Carrizo (UTICA) LLC
GUERNSEY		Rector #3H*		34059243970000	CRZO	Carrizo (UTICA) LLC
GUERNSEY	RICHLAND	Rector #4H*		34059243980000	CRZO	Carrizo (UTICA) LLC
GUERNSEY	LONDONDERRY			34059244390000	CRZO	Carrizo (UTICA) LLC
GUERNSEY	LONDONDERRY			34059244430000		Carrizo (UTICA) LLC
GUERNSEY	LONDONDERRY			34059244440000		Carrizo (UTICA) LLC
GUERNSEY	LONDONDERRY			34059244420000		Carrizo (UTICA) LLC
GUERNSEY	LONDONDERRY			34059244410000		Carrizo (UTICA) LLC
GUERNSEY	LONDONDERRY			34059244400000		Carrizo (UTICA) LLC
GUERNSEY	RICHLAND	Mohorovich West #1H*		34059243200100		Carrizo (UTICA) LLC
GUERNSEY	RICHLAND	Mohorovich #2H*		34059244210000		Carrizo (UTICA) LLC
GUERNSEY	RICHLAND	Mohorovich #3H*		34059244200000		Carrizo (UTICA) LLC
GUERNSEY	RICHLAND	Mohorovich East #4H*		34059244190000		Carrizo (UTICA) LLC
GUERNSEY	RICHLAND	Mohorovich West #8H*		3405924401000		Carrizo (UTICA) LLC
GUERNSEY	WASHINGTON	Warnock R #1	WARNOCK RAYMOND	3405922394000	APC APC	Carrizo (UTICA) LLC

Exhibit A-4 SHALLOW WELLS AND UNCOMPLETED WELLS

COUNTY	TOWNSHIP	WELL NAME	ODNR NAME	PERMIT NUMBER	<u>OPERATOR</u>	WELL OWNER
GUERNSEY	RICHLAND	Rector #11H*		34059243990000	CRZO	Carrizo (UTICA) LLC

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Instrument Book Pase 201700006694 OR 552 1271

Exhibit B

Easements

See attached.

Exhibit B

EASEMENTS - Guernsey County

							– l		l l			- 1
Contract Reference No.	Type/Description	Parties to Contract	Effective Date	Recording No.	Township	<u>Township</u>	Ranca	Section	Otr/Otr	Tax Man No	County	State
OH0101001ROW-001	101121011	CARRIZO (UTICA) LLC AND PDC ENERGY ET AL	6/5/2014	UNRECORDED	-	-	-	•	-		Guernsey	ОН
OH0101001ROW-002	GRANT OF RIGHT OF WAY	TIPKA-BARTLO OIL & GAS CO AND ELMER BLANKENSHIP	7/29/1978	V330 P666	MONROE	-	-				Guernsey	\vdash
OH0101001ROW-003	GRANT OF RIGHT OF WAY	TIPKA-BARTLO OIL & GAS CO. AND MONROE TOWNSHIP TRUSTEES	7/28/1978	V330 P668	MONROE		- 	 	-	· .	Guernsey	\vdash
OH0101001ROW-004	GRANT OF RIGHT OF WAY	V/ILIAM N TIPKA AND MONROE TOWNSHIP TRUSTEES	12/9/1977	V327 P402	MONROE		<u> -</u>	11	- 	-	Guernsey	1-1
OH0101001ROW-005	GRANT OF RIGHT OF WAY	WILLIAM N TIPKA AND M HAROLD AND MARIE DOWNER	11/28/1977	V327 P215	MONROE	004-N	002-W	19	SENE		Guernsey	
OHD101001ROW-006	GRANT OF RIGHT OF WAY	WILLIAM N TIPKA AND LEROY AND AVA BEAL	10/29/1977	V326 P742	MONROE	- 	-	1	-	-	Guernsey	+
OH0101001RCW-007	GRANT OF RIGHT OF WAY	WILLIAM N TIPKA AND DAN M AND LIZZIE MILLER	10/13/1977	V326 P566	MONROE	-	-	10	<u> </u>		Guernsey	+
OH0101001ROW-008	GRANT OF RIGHT OF WAY	WILLIAM N TIPKA AND JOSEPH R AND SUSIE J YODER	10/13/1977	V326 P564	MONROE	-	-	10, 11	 	-	Guernsey	+
OH0101001ROW-009	GRANT OF RIGHT OF WAY	TIPKA-BARTLO OIL & GAS CO AND ELLIS INCCRACKEN	7/27/1978	V330 P675	MONROE	- -	<u> </u> -	9	-	-	Guernsey	1
OH0101001ROW-010	GRANT OF RIGHT OF WAY	WILLIAM N TIPKA AND RICHARD D AND LIELA L PATTERSON	8/7/1978	V331 P112	WASHINGTON	<u> </u>	-	24	-		Guernsey	+-
OH0101001ROW-011	GRANT OF RIGHT OF WAY	TIPKA-BARTLO OIL & GAS COMPANY AND JAMES G AND JUDITH LEE ECK	10/23/1978	V332 P73	WASHINGTON	<u> -</u>	+	17	-	ļ	Guernsen	+
OH0101001ROW-012	GRANT OF RIGHT OF WAY	TIPKA-BARTLO OIL & GAS CO. AND WASHINGTON TOWNSHIP TRUSTEES	9/8/1978	V331 P375	WASHINGTON	<u> -</u>	 	+		-	Guernse	
OH0101001ROW-013	GRANT OF RIGHT OF WAY	TIPKA-BARTLO OKL & GAS CO. AND CLARENCE P AND JANIS EDWARDS JR	8/22/1979	V336 P445	WASHINGTON	-			-	<u> </u>	Guerriac	

Exhibit B EASEMENTS - Guernsey County

		Parties to Contract	Effective Data	Recording No.	Township	<u>Township</u>	Renge	Section	<u>Otr/Otr</u>	Tax Map No	County	State
Contract Reference No.	Type/Description	7 100 100 100 100 100 100 100 100 100 10									Guernsey	ОН
0H0101001RGW-014		TIPKA-BARTLO CHL & GAS CO. AND PATRICIA GREGG MAY	8/6/1979	V336 P118	WASHINGTON	004-N	001-W	13	NW4	<u>-</u> -		-
0H0101001ROW-015		THE COURSE OF THE COURSE	4/6/1982	V348 P780	MONROE			20, 21	- 	- !	Guernsey	ОН
		WHT OPERATING INC AND MOSE S AND	11/5/1989	V1 P523	WASHINGTON	-		3	NW4	-	Guernsey	ОН
0H0101001ROW-016			8/31/1979	V336 P622	WASHINGTON	-		10			Guernsey	CH
OH0101001RCW-017		RUDOLPH M BERTINE TIPKA-BARTLO OIL & GAS CO. AND RE AND	7/2/1980	V340 P365	WASHINGTON		-	10	-		Guernsey	ОН
OH0101001ROW-018		MARJORIE PADEN	7/17/1980	V340 P743	WASHINGTON		-	9	E		Guernsey	OH
OH0101001RCW-019	GRANT OF RIGHT OF WAY	W N TIPKA AND ISABELLE G SHEPHERD WAT OPERATING INC AND PATRICIA G	8/22/1990	V9 P648	WASHINGTON	004-N	001-W	13	NW4	-	Guernsey	ОН
OH0101001RCW-020	RIGHT OF WAY AGREEMENT	MAY	9/12/1330	-		 		10			Guernsey	ОН
OHO101001ROW-021	GRANT OF RIGHT OF WAY	TIPKA-BARTLO OIL & GAS CO. AND SINA P GREENWALT	8/31/1979	V336 P624	WASHINGTON	ļ <u> </u>	-	-	╀	 	Guernsey	+-
OH0101001ROW-022	RIGHT OF WAY AGREEMENT	WILLIAM IN TIPKA AND THOMAS AND CLARICE MCCASKEY	10/14/1987	V374 P653	WASHINGTON	<u> </u>	<u> </u>	12	ļ- -	-		+-
OH0101001R/DW-023	GRANT OF RIGHT OF WAY	WILLIAM N TIPKA AND HAROLD AND DOR!	10/12/1977	V326 P562	MONROE	-	-	10	ļ- -	<u> </u>	Guernse	
	GRANT OF RIGHT OF WAY	WILLIAM N TIPKA AND ESTELLA M AND	10/12/1977	V326 P560	MONROE	-	-	10	-	ļ	Guernse	, OH
OH0101001ROW-024	GRANT OF RIGHT OF WAY	WILLIAM N TIPKA AND VERNON A AND	9/8/1978	V331 P372	WASHINGTON	-	<u> </u>	13, 17	-	<u> -</u>	Guernse	у ОН
OH0101001ROW-025		MARY E GRIMSLEY WILLIAM N TIPKA AND	8/23/1978	V331 P373	WASHINGTON		-			<u> </u>	Guernse	y OH
OH0101001ROW-026	GRANT OF RIGHT OF WAY	WARNOCK/WARNOCK CARRIZO (UTICA) LLC AND SHIRLEY L			WASHINGTON	004-N	001-1	N 14	-	40-0000066.000	Guernse	у∖он
OHO101001F.OW-027	MEMORANDUM OF PIPELINE RIGHT OF WAY AND OPTION AGREEMENT	HUTZEL COTICAL DE AND SHIREET E	6/20/2014	V521 P2347	14/2Hild310H							

Exhibit B

EASEMENTS - Guernsey County

Contract Reference No.	Type/Description	Parties to Contract	Effective Date	Recording No.	Township	Township	Range	Section	Otr/Otr	Tax Map No	County	State
OH0101001ROW-030	MEMORANDUM OF PIPELINE RIGHT OF WAY AND OPTION AGREEMENT	CARRIZO (UTICA) LLC AND D DIANNE M BAGINSKI ET UX	5/7/2014	V526 P840	RICHLAND	001-N	001-W	12	-	31-0001559.000	Сиеттьеу	ОН
OH0101001ROW-031	MEMORANDUM OF WATER PIPELINE RIGHT OF WAY AND OPTION AGREEMENT	CARRIZO (UTICA) LLC AND ROGER S TEDRICK ET UX	10/21/2014	V521 P2369	LONDONDERRY	011-N	007-W	27		20-0000205.000	Guernsey	ОН
OH0101001ROW-032	MEMORANDUM OF WATER PIPELINE RIGHT OF WAY AND OPTION AGREEMENT	CARRIZO (UTICA) ROW LLC AND K & R CONSERVATION LLC	9/17/2014	VS21 P2373	LONDONDERRY	011-N	007-W	21 22	-	l .	Guernsey Harrison	ОН
OH0101001ROW-033	RIGHT OF WAY AGREEMENT	CARRIZO (UTICA) ROW LLC AND VICKIS HOOP	10/1/2014	V523 P3445	LONDONDERRY	011-N	007-W	33	•	20-0000281.001	Guernsey	ОН
OLIOTOTOTIKO IIA-ITA		CARRIZO (UTICA) LLC AND KENNETH L BROWN JR ET UX	7/3/2014	V523 P3435	WASHINGTON	004-N	001-W	14		40-0000043.001	Guernsey	+
	MEMORANDUM OF PIPELINE RIGHT OF WAY AND OPTION AGREEMENT	CARRIZO (UTICA) LLC AND LEVI H FAUSNIGHT REVOCABLE TRUST	6/27/2014	V524 P719	WASHINGTON	004-N	001-W	14		40-0000043.000	· ·	┼
0H0101001ROW-035	FIGHT OF WAY AGREEMENT	CARRIZO (UTICA) LLC AND DALE E ROND ET	12/18/2014	VS23 P3451	LONDONDERRY	011-N	007-W	26		20-0000080.000		┼
OH0101001RO\V-038		CARRIZO (UTICA) ROW LLC. AND NORMAN E WAGLER REVOCABLE LIVING TR	1/14/2015	V523 P3439	LONDONDERRY	011-N	007-W	27		20-0000166.000	Guernsey	
		CARRIZO (UTICA) ROW LLC AND GUERNSEY COUNTY COMMUNITY DEVELOPME	10/14/2014	V523 P3431	CENTER WILLS	001-N	002-W	3 2	-	09-0000509.000 09-0000508.000 46-0000059.000	Guernsey	ОН
OH0101001ROW-041		CARRIZO (UTICA) NOW LLC AND 60926 LARUE ROAD LAND TRUST PL/ROW	2/2/2016	V534 P934	RICHLAND	001-N	001-W	9		31-0002701,000	Guernsey	ОН

Exhibit B

EASEMENTS - Guernsey County

Combract Reference No.	Type/Description	Parties to Contract		Recording No.	Township	Township	Rance	Section	Qtr/Qtr	Tax Map No	County	State
OH0101001ROW-042	RIGHT OF WAY AGREEMENT	CARRIZO (UTICA) ROW LLC AND DANIEL H GASNER ET UX	10/9/2014	VS29 P1959	RICHLAND	001-N	001-W	12	-	33-0000002,003	Guernsey	
OH0101001ROW-043	RIGHT OF WAY AGREEMENT	CARRIZO (UTICA) ROW LLC AND HENRY E WETMORE ET UX	10/31/2014	V530 P735	RICHLAND	001-N	001-W	12		33-0000002,004	-	-
OH0101001RO\W-044	RIGHT OF WAY AGREEMENT	CARRIZO (UTICA) ROW LLC AND HENRY E WETMORE ET AL	10/31/2014	V530 P741	RICHLAND		001-W				Guernsey	-
OH0101001ROW-045	RIGHT OF WAY AGREEMENT	CARRIZO (UTICA) ROW LLC AND EDWARD CTURNER ET UX	6/30/2015	V530 P86	WILLS	022-N	001-W		_	33-0000002.005 44-0000101.000	Guernsey	+
OH0101001RO\V-046	RIGHT OF WAY AGREEMENT	CARRIZO (UTICA) ROW LLC AND O FRANKFORT ROAD LAND TRUST PL/ROW	2/2/2016	V534 P926	WITTMOOD	001-N	001-W	9		44-0000102.000 23-0000175.000	Guernsey	-
OH0101001ROW-047	RIGHT OF WAY AGREEMENT	CARRIZO (UTICA) ROW LLC AND JOHN H SCURLOCK PL/ROW	6/30/2015	V530 P93	WILLS	001-N	001-W	2		44-0000122.000	Guernsev	 -
		CARRIZO (UTICA) ROW LLC AND LORNE G ROE ET AL PL/ROW	2/2/2016	V534 P942	MILLWOOD	001-N	001-W	9	-	23-0000264.000 23-0000649.000	Guernsey	-
OH0101001RDV/-049	MEMORANDUM OF TEMPORARY WATERLINE RIGHT OF WAY AND OPTION FOR PIPELINE RIGHT OF WAY AGREEMENT	CARRIZO (UTICA) ROW LLC AND RAYMOND LIENKINS ET UX PL/ROW	8/4/2015	V529 P1965	RICHLAND	001-N	001-W	12		23-0000209,000 31-0001555	Guernsey	ОН
OH0101001ROV/-050	RIGHT OF WAY AGREEMENT	CARRIZO (UTICA) ROW LLC AND JAMES MONTGOMERY ET UX TR PL/ROW	6/3/2015	V535 P3018	WASHINGTON	004-N	001-W	9	• 1	40-0000149.000	Guernsey	OH.
0H0101001R0W-051		CARRIZO (UTICA) ROW LLC. AND JAMES A	6/3/2015	V535 P3024	WASHINGTON	004-N	001-W	12		40-0000256.006	Guernsey	
	MEMORANDUM OF PIPELINE RIGHT OF WAY AGREEMENT	CARRIZO (UTICA) ROW LLC AND RECTOR FAM WILDLIFE TRUST 8-21-13	4/5/2014	V535 P3010	RICHLAND	001-N	001-W	7	1	31-0000309.000	Guernsey	-

EASEMENTS - Guernsey County

Attached to and made part of that certain Assignment,
Bill of Sale and Conveyance between Carrizo, Carrizo Utica
and Ascent dated effective 4/1/2017.

Exhibit B

Contract Reference No.	Type/Description	Parties to Contract	Effective Date	Reconfine No.	Township	Township	Ranna	Section	Otr/Otr	Tax Map No	County	Sta
OH0101001RO'W-053	RIGHT OF WAY AGREEMENT	CARRIZO (UTICA) ROW LLC AND PATRICK W MOORE AND KAREN L MOORE	10/24/2014	V534 P3362	RICHLAND	001-N	001-W	9	-	23-000025.007	Guernsey	ОН
OH0101001ROW-054	RIGHT OF WAY AGREEMENT	CARRIZO (UTICA) ROW LLC AND STEVEN E SCHWARTZ	10/22/2014	V334 P3393	MILLWOOD	001-N	001-W	10		23-0000339,003	Guernsey	ОН
OH0101001ROW-055	RIGHT OF WAY AGREEMENT	CARRIZO (UTICA) ROW LLC AND MARTIN DETWEILER AND RUTH DETWEILER	12/30/2014	V534 P3387	RICHLAND	001-N	001-W	12	•	31-0001553.000	Guernsay	+-
OH0101001RO\V-056	RIGHT OF WAY AGREEMENT	CARRIZO (UTICA) ROW LLC AND RICHARD A MCKEE AND PATRICIA M MCKE	2/27/2015	V534 P3399	RICHLAND	001-N	001-W	9	-	33-0000005.011	Guernsey	ОН
OH0101001RO\V-057	RIGHT OF WAY AGREEMENT	CARRIZO (UTICA) ROW LLC AND RALPH B LENT ET AL	9/22/2014	V534 P3380	RICHLAND	001-N	001-W	12	_	31-0000256.000	Guernsev	-
OH0101001RO\V-058	RIGHT OF WAY AGREEMENT	CARRIZO (UTICA) ROW LLC AND 10PT LCDGE LLC	3/31/2015	V534 P3374	RICHLAND	001-N	001-W	3			Guernsey	μ.
		CARRIZO (UTICA) ROW LLC AND POSI HOLDINGS LTD	12/16/2014	V534 P3368	RICHLAND	001-N	001-W	4		31-0000074.001	Guernsey	-
	RIGHT OF WAY AND EASEMENT AGREEMENT	ECLIPSE RESOURCES OHIO LLC	3/26/2014	V527 P2406	MILLWOOD	001-N	001-W	10		31-0002838.000	Guernsey	├-
	MEMORANDUM OF PIPELINE RIGHT OF WAY AGREEMENT	CARRIZO (UTICA) LLC AND TAMARA MCKNIGHT AND HARRY MCKNIGHT	4/6/2016	V538 P1897	RICHLAND	001-N	001-W	13	-	31-0000543,005	Guernsey	-
H0101001ROW-057		CARRIZO (UTICA) ROW ILC. AND GI FNN	12/22/2016	V543 P2190	RICHLAND		001-W		+		Guernsey	-
H0101001ROW-068		CARRIZO (UTICA) ROW LLC AND RALPH WILLIAM ROE IR ET UX	12/22/2016	V543 P2194	RICHLAND	001-N	001-W		.]		Guernsey	

Exhibit B

EASEMENTS - Guernsey County

Contract Reference No.	Impe/Description	Parties to Contract	Effective Date	Recording No.	Township	<u>Township</u>	Ranne	Section	Otr/Otr	Tax Map No	County	Stat
OH0101001ROW-069	RIGHT OF WAY AGREEMENT	CARRIZO (UTICA) ROW LLC AND ROY B ASHWORTH ET UX	1/27/2017	V543 P3649	WASHINGTON	001-N	004-W	14	-	40-0000133.003 40-0000133.004	Guernsey	ОН
	RIGHT OF WAY AGREEMENT	CARRIZO (UTICA) ROW LLC AND JONAS J AND DELILA H YODER	1/10/2017	V543 P3654	Washington	001-N	004-W	14	-	40-0000353.002 40-0000353.003 40-0000353.004	Guernsey	ОН
OH0101001ROW-071	RIGHT OF WAYAGREEMENT	CARRIZO (UTICA) ROW LLC AND TIMOTHY H MILLER ET UX	2/2/2017	V544 P2599	WASHINGTON	004-N	001-W	15	. –	40-0000133.002 40-0000519.000	Guernsey	ОН
	RIGHT OF WAY AGREEMENT MEMORANDUM OF WATER PIPELINE	CARRIZO (UTICA) ROW LLC AND CHARLES K CARTER	2/2/2017	V544 P2605	WASHINGTON	004-N	001-W	15		40-0000133.001 40-0000519.000	Guernsey	+-
OHD101001ROW-073	RIGHT OF WAY AND OPTION AGREEMENT	CARRIZO (UTICA) ROW LLC AND BENJAMIN R HENDERSHOT ET UX	1/9/2017	V546 P2619	RICHLAND	001-N	001-W	2ndQ		40-0000133.001	Guernsey	
	RIGHT OF WAY AGREEMENT	CARRIZO (UTICA) ROW LLC AND VICTOR D HARDING IR ET AL ROW	5/17/2017	UNRECORDED	WILLS	001-N	001-W	,		44 0500054 000		
2H0101001ROW-075	MEMORANDUM OF WATER PIPELINE RIGHT OF WAY AND OPTION AGREEMENT	CARRIZO (UTICA) ROW LLC AND ROBINSON FAM LTD PRTSHP ROW	10/24/2014	UNRECORDED	LONDONDERRY		007-W			44-0000961.000 20-0000639.000	Guernsey	-
H0101001ROV/-076	MEMORANDUM OF WATER PIPELINE RIGHT OF WAY AND OPTION AGREEMENT	CARRIZO (UTICA) ROW LLC AND NORMA LET ROBINSON LIVING TRUST	10/24/2014	UNRECORDED	LONDONDERRY	011-N	007-w	27		20-0000639,000		
		CARRIZO (UTICA) LLC AND GENE E AND ALICE M BURGA LIVING TRUST	5/11/2017	V547 P1768	WILLS	001-N	001-W	, -				
H0101001ROW-078		CARRIZO (UTICA) ROW LLC AND KENNETH S AND PAMELA B LAURIE	5/26/2017	V547 P3308			001-W	- -		1-00002978.009		

Exhibit B

EASEMENTS - Guernsey County

Contract Reference No.	Type/Description	Parties to Contract	Effective Date	Recording No.	Township		_		Ţ			
OH0101001SUR-001	TEMPORARY EASEMENT AGREEMENT	CARRIZO (UTICA) LLC AND GENEVA M	┼	 		<u>Termshin</u>	Rance	Section	Qtr/Qtr	Tax Map No	County	Stat
OH01010015UR-002	AAFAAGO CANTILLO	CARRIZO (UTICA) LLC AND DANIFI B HOOR	8/22/2013	UNRECORDED	RICHLAND	001-N	001-W	ML7	-	31-0000156.000	Guernsey	OH
	MEMORANDUM	ET UX	6/24/2014	V517 P2464	LONDONDERRY	011-N	007-W	33		20-0000281.003	Guernsey	OH
		CARRIZO (UTICA) LLC AND EARL A HOOP IR AND SANDRA K HOOP	6/24/2014	V517 P2461	LONDONDERRY	011-N	007-W	23		70 70000	 	+
HOTOTODIZON-003.2	AMENDMENT TO SURFACE AGREEMENT AND SUBSURFACE	CARRIZO (UTICA) LLC AND EARL A HOOP JR							<u> </u>	20-0000281,000	Guernsey	ОН
H0101001SUF-005	MEMORANDUM OF SUBSURFACE	AND SANDRA K HOOP CARRIZO (UTICA) LLC AND ANTHONY J	6/24/2014	V535 P3030	LONDONDERRY	011-N	007-W	33	-	20-0000281.004	Guernsey	ОН
	MEMORANDUM OF SURFACE LISE	MOHOROVICH ET UX	5/8/2014	V521 P2358	RICHLAND	001-N	001-W	12		31-0002464.000	C	-
1010100120W-003	AND CENTRAL FACILITIES OPTION	CARRIZO (UTICA) LLC AND ROGER S TEDRICK ET UX SUR	10/22/2015	V531 P2143	LONDONDERRY	000 11		-				-
10101001SUR-008	SURFACE USE AGREEMENT	CARRIZO (UTICA) LLC AND SYLVESTER				011-N	007-W	27	·	20-0000205.000	Guernsey	ОН
10101001SUR-009	MEMORANDUM OF SURFACE EASEMENT AGREEMENT	Miller & Monta Miller Kenneth L Brown Jr and Jonas J Yoder and Delila H Yoder	6/24/2013	UNRECORDED	MONROE	· -		-			Guernsey	ОН
<u> </u>	- TONCEWEN!	AND DELILA H YODER	8/30/2013	/507 P451	WASHINGTON	204-N C	01-W 1	4 S	W4 4	10-000353.005	Guernsey	OH

Instrument Book Page 201708006694 DR 552 1279

Schedule 1

Excluded Assets

<u>Se</u>	ismic Licenses
Survey or Line: EGI-OH-02-11 EGI-OH-03-11 EGI-OH-04-11 EGI-OH-06-13 EGI-OH-11-11 SEI-Ohio-E-W-3	Owned By: Evans Geophysical, Inc. Evans Geophysical, Inc. Evans Geophysical, Inc. Evans Geophysical, Inc. Evans Geophysical, Inc. Seismic Exchange, Inc.
1. 10,000 feet of 12" HDPE, DR 2. 1,000 feet (25 - 40-foot section Approximately 500 Rig Mats.	IDPE Pipe 11. ons) of 12" HDPE, DR 9. Equipment

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201700006519
Filed for Record in
GUERNSEY COUNTY, OHIO
COLLEEN WHEATLEY, RECORDER
11-14-2017 At 12:07 pm.
LEASE 36.00
OR Book 552 Pase 278 - 281

201700006519 HALO LAND MAN PICK UP

> Instrument Book Page 201700006519 OR 552 278

MEMORANDUM OF OIL & GAS LEASE

THIS MEMORANDUM OF OIL AND GAS LEASE dated the 9th day of November 2017 by and between Mariene S. Bond, a single woman, whose address is 22954 Cadiz Rd., Freeport, OH 43963, hereinafter called "Lessor," and Ascent Resources — Utica, LLC an Oklahoma Limited Liability Company, whose address is P.O. Box 13678, Oklahoma City, OK 73113, hereinafter called "Lessee."

WHEREAS:

For and in consideration of the sum of Ten Dollars (\$10.00) cash in hand paid, and other good and valuable consideration, Lessor did make and execute in favor of Lessee an Oil and Gas Lesse dated November 9, 2017 and made effective November 9, 2017 which provides for a Five (5) year primary term and an option to renew for an additional Five (5) year primary term.

Said lease covers all that certain tract of land being described as follows:

See attached Exhibit 'A' attached hereto and made a part hereof.

Containing 93.09 acres and located in the Township of Londonderry, Guerasey County, State of Chio, for the purpose of drilling, operating for, producing and removing oil and gas and all the constituents thereof. This Lease may be extended beyond the primary term by certain activities including, without limitation, conducting operations, producing oil or gas, or making prescribed payments. This Lease also grants to Lessee a Right of First Refusal to match any offer to top lease the leased premises, which right may be exercised by Lessee within Fifteen (15) days after receipt of proper notice from Lessor.

This Memorandum of Oil and Cas Lease is being made and filed for the purpose of giving third parties notice of the existence of the Lease described above. The execution, delivery and recordation of this Memorandum of Oil and Gas Lease shall have no effect upon, and is not intended as an amendment of the terms and conditions of the Lease. It is the intent of the Lessor to lease all of Lessor's interest in and to the properties described herein, whether or not the tracts recited berein are properly described, and further it is understood this lease includes all rights owned by the Lessor in the properties described herein.

If the Lessor or any of the Lessor's successors or assigns requests a full executed copy of the Lesse from the Lessee, or its successors or assigns, then such copy (including Exhibit "A") shall be provided to such party so requesting within thirty (30) days of the request being made.

IN WITNESS WHEREOF, Lessor hereunto sets hand and seal.

Lessor:

FOR Supp. to year, Agree 1 F.S. See OP 55 way. 2735, 2743, 2751, 2759, 2767

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Mariene S. Bond

EXHIBIT 6

Case: 2:18-cv-01771-EPD Doc #: 18 Filed: 04/01/19 Page: 161 of 172 PAGEID #: 737

Instrument 201700006519 8R Book Page 552 279

LESSOR ACKNOWLEDGMENT

STATE OF	10000
COUNTY OF Sueur) SS:
Mariene S. Bend, known to me (or	, 2017, before me, the undersigned officer, personally appeared r satisfactorily proven) to be the person whose name is subscribed to the with he executed the same for the purposes therein contained.
IN WITNESS WHEREOF, I hereu	nto set my hand and official seal.
N. P. Cont.	My Commission Expires: Opil 20, 2018 Signature/Notary Public: De Docal K Louis

DEBORAH KNEMPHINING Public (print): Deborah K Larrick

Prepared By/Return to Ascent Resources - Utics, LLC at P.O. Box 13678, Okishoma City, OK 73113

Notary Public, State of Ohio

My Commission Expires 4-20-18

Instrument 800k Page 201700006519 DR 552 280

EXHIBIT "A"

Attached to and made part of that certain Memorandum of Oil and Gas Lease dated November 9, 2017 by and between Marlene S. Bond, a single woman, as Lessor and Ascent Resources -- Utics, LLC, P.O. Box 13678, Okinhoma City, OK 73113, as Lessee, to wit:

DESCRIPTION OF THE LEASED PREMISES

Township: 11 Range: 7

Section 32; As to Tax Parcel No: 20-0000067.000

and is bounded formerly or currently as follows:

On the North by lands of: Kenneth D. Ruttig On the East by lands of: Crab Orchard Rd. On the South by lands of: Markene S. Bond On the West by lands of: Kenneth D. and Deborah S. Ruttig

Containing 49.00 acres and located in the Township of Londonderry, Guernsey County, State of Ohio, for the purposes of drilling, operating for, producing and removing oil and gas and all the constituents thereof. Said lands were conveyed to Lessor by virtue of deeds dated April 30, 1998 and recorded in said County and State in Official Records Book 183, Page 777 and by virtue of deeds dated May 13, 2014 and recorded in said County and State in Official Records Book 516, Page 656 and by virtue of deeds dated September 12, 2017 and recorded in said County and State in Official Records Book 550, Page 1173.

Township: 11 Range: 7 Section 32; As to Tax Parcel No: 20-0000081.000

and is bounded formerly or currently as follows:

On the North by lands of: Michael Todd Wallace On the East by lands of: Crab Orchard Rd. On the South by lands of: Michael Todd Wallace On the West by lands of: Michael Todd Wallace

Containing 2.375 acres and located in the Township of Londonderry, Guernaey County, State of Ohio, for the purposes of drilling, operating for, producing and removing oil and gas and all the constituents thereof. Said lands were conveyed to Lessor by virtue of deeds dated April 38, 1998 and recorded in said County and State in Official Records Book 183, Page 777 and by viture of deeds dated May 13, 2014 and recorded in said County and State in Official Records Book 516, Page 656 and by viture of deeds dated September 12, 2017 and recorded in said County and State in Official Records Book 589, Page 1178.

Township: 11 Range: 7
Section 26; As to Tax Parcel No: 20-0001369.000

and is bounded formerly or currently as follows:

On the North by lands of: Marcia Gunn On the East by lands of: Freeport Lodge #415 On the South by lands of: Ricky A. Hickman On the West by lands of: Michael Todd Wallace

Containing \$8.715 acres and located in the Township of Landauderry, Guerassy County, State of Ohio, for the purposes of drilling, operating for, producing and removing oil and gas and all the constituents thereof. Said lands were conveyed to Lessor by virtue of deeds dated April 38, 1998 and recorded in said County and State in Official Records Book 183, Page 777 and by viture of deeds dated May 13, 2014 and recorded in said County and State in Official Records Book 516, Page 656 and by viture of deeds dated September 12, 2017 and recorded in said County and State in Official Records Book 550, Page 1778.

END

201700006521
Filed for Record in
GUERNSEY COUNTY, OHIO
COLLEEN WHEATLEY, RECORDER
11-14-2017 At 12:07 pm.
26456
UR BOOK 552 Page 284 -

201700006521 HALO LAND MAN PICK UP

> Instrument Book Page 201700006521 OR 552 284

MEMORANDUM OF OIL & GAS LEASE

THIS MEMORANDUM OF OIL AND GAS LEASE dated the 9th day of November 2017 by and between Leisa K. Bond, a single woman, whose address is 73111 Deck Rd., Freeport, OH 43963, hereinafter called "Lessor," and Ascent Resources -- Utica, LLC an Oklahoma Limited Liability Company, whose address is P.O. Box 13678, Oklahoma City, OK 73113, hereinafter called "Lessee."

WHEREAS:

For and in consideration of the sum of Ten Dollars (\$10.00) cash in hand paid, and other good and valuable consideration, Lessor did make and execute in favor of Lessee an Oil and Gas Lease dated November 9, 2017 and made effective November 9, 2017 which provides for a Five (5) year primary term and an option to renew for an additional Five (5) year primary term.

Said lease covers all that certain tract of land being described as follows:

See attached Exhibit 'A' attached hereto and made a part hereof.

Containing 3.035 acres and located in the Township of Londonderry, Guerasey County, State of Ohio, for the purpose of drilling, operating for, producing and removing oil and gas and all the constituents thereof. This Lease may be extended beyond the primary term by certain activities including, without limitation, conducting operations, producing oil or gas, or making prescribed payments. This Lease also grants to Lessee a Right of First Refusal to match any offer to top lease the leased premises, which right may be exercised by Lessee within Fifteen (15) days after receipt of proper notice from Lessor.

This Memorandum of Oil and Gas Lease is being made and filed for the purpose of giving third parties notice of the existence of the Lease described above. The execution, delivery and recordation of this Memorandum of Oil and Gas Lease shall have no effect upon, and is not intended as an amendment of the terms and conditions of the Lease. It is the intent of the Leasor to lease all of Leasor's interest in and to the properties described herein, whether or not the tracts recited herein are properly described, and further it is understood this lease includes all rights owned by the Leasor in the properties described herein.

If the Lessor or any of the Lessor's successors or assigns requests a full executed copy of the Lesse from the Lessee, or its successors or assigns, then such copy (including Exhibit "A") shall be provided to such party so requesting within thirty (30) days of the request being made.

IN WITNESS WHEREOF, Lessor hereunto sets hand and seal.

Lessor:

7773,1874,1874,8474

Suppte oper. Ayea Son OR SSUM 37351. 3 Fr-0001, agrice. Sec OR 565 PS

Less K. Bond

Instrument Book Page 201700004521 OR 552 285

LESSOR ACKNOWLEDGMENT

W Band known to me (or estisfactoril) SS:) SS:) 2017, before me, the undersigned officer, personally appeared Leise y proven) to be the person whose name is subscribed to the within executed the same for the purposes therein contained.
IN WITNESS WHEREOF, I herounto	set my hand and official seal.
	My Commission Expires: Opil 20, 20/8 Signature/Notary Public: Deboral K Lauch Name/Notary Public (print): Deboral K Laucick EBORAH K. LARRICK

Prepared By/Return to Ascent Resources - Utica, LLC at P.O. Box 13678, Oklahoma City, OK 73113

Instrument Book Pase 201700006521 OR 552 286

EXHIBIT "A"

Attached to and made part of that certain Memorandum of Oil and Gas Lease dated Nevember 9, 2017 by and between Leisa K. Bend, a single woman, as Lessor and Ascent Resources - Utica, LLC, P.O. Box 13678, Oklahema City, OK 73113, as Lessoc, to wit:

DESCRIPTION OF THE LEASED PREMISES

Township: 11 Range: 7

Section 26; As to Tax Parcel No: 20-0001370.000

and is bounded formerly or currently as follows:

On the North by lands of: Marcia Gunn On the East by lands of: Deck Rd. On the South by lands of: Marlene S. Bond On the West by lands of: Marlene S. Bond

Containing 3.835 acres and located in the Township of Londonderry, Guernsey County, State of Ohio, for the purposes of drilling, operating for, producing and removing oil and gas and all the constituents thereof. Said lands were conveyed to Lessor by virtue of deeds dated April 6, 2004 and recorded in said County and State in Official Records Book 393, Page 1120 and by virture of deeds recorded on Judy 31, 1981 and recorded in said County and State in Official Records Book 345, Page 684.

END

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201700007021
Filed for Record in
GUERNSEY COUNTY, 0H10
COLLEEN WHEATLEY, RECORDER
12-06-2017 At 03:15 pm.
LEASE 48.00
OR Book 552 Page 3060 - 3061
HALO LAND MAN
PICK UP

Instrument Book Page 201700907021 OR 552 3060

MEMORANDUM OF OIL & GAS LEASE

This Memorandum of Oil and Gas Lease dated the 22rd day of November 2017 by and between Scent Resources, LLC, of P.O. Box 13306, Denver, CO 86261, hereinafter collectively called "Lessor," and Ascent Resources — <u>Utica, LLC</u> an <u>Oklahoma Limited Liability Company</u>, whose address is <u>P.O. Box 13678, Oklahoma City. OK 73113</u>, hereinafter called "Lessor."

WHEREAS

For and in consideration of the sum of Ten Dollars (\$10.00) cash in hand paid, and other good and valuable consideration, Lessor did make and execute in favor of Lessoe an Oil and Gas Lesso dated November 22, 2017, and made effective November 22, 2017, which provides for a Five (5) year primary term.

Said lease covers all that certain tract of land being described as follows:

Township: 11, Range: 07

Section 33: Tax Parcel No.: 20-0000443.001, Containing 3.029 acres

and is bounded formerly or currently as follows:

On the North by lands of: Arleen G. Roby On the East by lands of: Hoop Lane On the South by lands of: Charles E. Miller On the West by lands of: Kenneth D. Ruttig

Containing 3.929 acres and located in the Township of Londonderry, Guernsey County, State of Ohio, for the purpose of drilling, operating for, producing and removing oil and gas and all the constituents thereof. Said lends were conveyed to Lessor by virtue of deed dated April 3, 2014 and recorded in said County and State in Book 515, Page 1869. This Lease may be extended beyond the primary term by certain activities including, without limitation, conducting operations, producing oil or gas, or making prescribed payments. This Lease also grants to Lessee a Right of First Refusal to match any offer to top lease the lessed premises, which right may be exercised by Lessee within Fifteen (15) days after receipt of proper notice from Lessor.

This Memorandum of Oil and Gus Lease is being made and filed for the purpose of giving third purties notice of the existence of the Lease described above. The execution, delivery and recordation of this Memorandum of Oil and Gus Lease shall have no effect upon, and is not intended as an amendment of the terms and conditions of the Lease. It is the intent of the Lease to the use all off Leaser's intenset in and to the properties described herein, whether or not the tracts recited herein are properly described, and further it is understood this lease includes all rights owned by the Lessor in the properties described herein.

IN WITNESS WHEREOF, Lessor hercunto sets hand and seal,

Jame Bennick

WITNESS

FOR SURPORT OPERATION OF S. S. OR SSLED. 2735, 2745, 2759, 2759, 2767

LESSOR:

Scout Resources, LLC

asy, Principal

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Case: 2:18-cv-01771-EPD Doc #: 18 Filed: 04/01/19 Page: 167 of 172 PAGEID #: 743

Instrument Book Pase 201700007021 OR 552 3061

LESSOR ACKNOWLEDGMENT

STATE OF COLOTADO COUNTY OF DENVEY

On this A day of 10 VI DVI 2017, before me, the undersigned officer, personally appeared Blake A. O'Shanghueny, as Principal of Scout Resources, LLC, known to me (or satisfactorily proven) to be the persons whose names are subscribed to the within instrument, and acknowledged that they executed the same for the purposes therein contained.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My commission expires: \$ 24 19

JANNE K. BENNICK NOTARY PUBLIC STATE OF COLORADO NOTARY ID 20114052458 MY COMMISSION EXPRES 08/24/2019 Jame W. Schnick
Notary Public

Prepared By/Return to Ascent Resources-Utics, LLC at P.O. Box 13678, Okinhama City, OK 73113

201700007291 Filed for Record in GUERNSEY COUNTY, DHID COLLEEN WHEATLEY, RECORDER 12-20-2017 At 10:31 am. 28.00 LEASE 553 Pase 731 ~ 732 OR Book 201700007291 HALD LAND MAN PICK UP

Instrument 201700007291 OR

MEMORANDUM OF OIL & GAS LEASE

This Memorandum of Oil and Gas Lease dated the 22nd day of November 2017 by and between Niedoba Land & Minerals, LLC, of P.O. Box 113, Luxor, PA 15662, hereinafter collectively called "Lessor," and Ascent Resources - Utica, LLC an Oklahoma Limited Liability Company, whose address is P.O. Box 13678. Oklahoma City, OK 73113, hereinafter called "Lessee."

For and in consideration of the sum of Ten Dollars (\$10.00) cash in hand paid, and other good and valuable consideration, Lessor did make and execute in favor of Lessee an Oil and Gas Lease dated November 22, 2017, and made effective November 22, 2017, which provides for a Five (5) year primary term.

Said lease covers all that certain tract of land being described as follows:

Township: 11, Range: 07

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Toe Supply Operat. Asies

Section 33: Tax Parcel No.: 20-0000443.001, Containing 3:029 acres

and is bounded formerly or currently as follows:

On the North by lands of: Arleen G. Roby

On the East by lands of: Hoop Lane

On the South by lands of: Charles B. Miller

On the West by lands of: Kenneth D. Ruttig

Containing 3.029 acres and located in the Township of Londonderry, Guernsey County, State of Ohio, for the purpose of drilling, operating for, producing and removing oil and gas and all the constituents thereof. Said lands were conveyed to Lessor by virtue of deed dated April 8, 2014 and recorded in said County and State in Book 515, Page 1866. This Lease may be extended beyond the primary term by certain activities including, without limitation, conducting operations, producing oil or gas, or making prescribed payments. This Lease also grants to Lessee a Right of First Refusal to match any offer to top lease the leased premises, which right may be exercised by Lessee within Fifteen (15) days after receipt of proper notice from Lessor.

This Memorandum of Oil and Gas Lease is being made and filed for the purpose of giving third parties notice of the existence of the Lease described above. The execution, delivery and recordation of this Memorandum of Oil and Gas Lease shall have no effect upon, and is not intended as an amendment of the terms and conditions of the Lease. It is the intent of the Lessor to lease all of Lessor's interest in and to the properties described herein, whether or not the tracts recited herein are properly described, and further it is understood this lease includes all rights owned by the Lessor in the properties described herein.

IN WITNESS WHEREOE, Lessor hereunto sets hand and seal.

Niedoba Land & Minerals, LLC

David P. Niedoba, Owner

Instrument 201700007291 OR 553 732

LESSOR ACKNOWLEDGMENT

STATE OF MONTANA

COUNTY OF GALLETIN

On this 6 day of December, 2017, before me, the undersigned officer, personally appeared David P. Niedoba, as Owner of Niedoba Land & Minerals, LLC, known to me (or satisfactorily proven) to be the persons whose names are subscribed to the within instrument, and acknowledged that they executed the same for the purposes therein contained.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My commission expires: December 28,200

AS, JOHO SANINSCHI

GABRIELA CAMINSCHI
Notary Public
for the State of Montana
Residing at:
Bozeman, Montana
My Commission Expires:
December 28, 2020

Prepared By/Return to Ascent Resources-Utica, LLC at P.O. Box 13678, Oklahoma City, OK 73113

201700006520 Filed for Record in GUERNSEY COUNTY, OHIO COLLEEN WHEATLEY, RECORDER 11-14-2017 At 12:07 Pm. ĹĔAŚE 36.00 552 Pase 281 - 283 OR Book 201700006520 RALO LAND MAN PICK UP

Instrument 201700006520 OR

MEMORANDUM OF OIL & GAS LEASE

THIS MEMORANDUM OF OIL AND GAS LEASE dated the 9th day of November 2017 by and between Dale E. Bond, a single man by and through his Attorney-in-Fact Marlene S. Bond, whose address is 22954 Cadiz Rd., Freeport, OH 43963, hereinafter called "Lessor," and Ascent Resources - Utica, LLC an Okiahoma Limited Liability Company, whose address is P.O. Box 13678, Oklahoma City, OK 73113, hereinafter called "Lessee."

For and in consideration of the sum of Ten Dollars (\$10.00) cash in hand paid, and other good and valuable consideration, Lessor did make and execute in favor of Lessee an Oil and Gas Lease dated November 9, 2017 and made effective November 9, 2017 which provides for a Five (5) year primary term and an option to renew for an additional Five (5) year primary term.

Said lease covers all that certain tract of land being described as follows:

See attached Exhibit 'A' attached hereto and made a part hereof.

Containing 93.09 acres and located in the Township of Londonderry, Guernsey County, State of Ohio, for the purpose of drilling, operating for, producing and removing oil and gas and all the constituents thereof. This Lease may be extended beyond the primary term by certain activities including, without limitation, conducting operations, producing oil or gas, or making prescribed payments. This Lease also grants to Lessee a Right of First Refusal to match any offer to top lease the leased premises, which right may be exercised by Lessee within Fifteen (15) days after receipt of proper notice from Lessor.

This Memorandum of Oil and Gas Lease is being made and filed for the purpose of giving third parties notice of the existence of the Lease described above. The execution, delivery and recordation of this Memorandum of Oil and Gas Lease shall have no effect upon, and is not intended as an amendment of the terms and conditions of the Lease. It is the intent of the Lessor to lease all of Lessor's interest in and to the properties described herein, whether or not the tracts recited herein are properly described, and further it is understood this lease includes all rights owned by the Lessor in the properties described herein.

If the Lessor or any of the Lessor's successors or assigns requests a full executed copy of the Lease from the Lessee, or its successors or assigns, then such copy (including Exhibit "A") shall be provided to such party so requesting within thirty (30) days of the request being made.

IN WITNESS WHEREOF, Lessor hereunto sets hand and seal.

Lessor:

FOR Supp. to Oper. Agree it. S. Soc OR. 55 upg. 2735, 2743, 2751, 2759, 2747

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Dale E. Bond by and through his Attorney-in-Fact

Case: 2:18-cv-01771-EPD Doc #: 18 Filed: 04/01/19 Page: 171 of 172 PAGEID #: 747

Instrument Book Page 201700006520 OR 552 282

LESSOR ACKNOWLEDGMENT

STATE OF Ohio) ec-
COUNTY OF Querian) SS:
On this I day of Novelandon 2017, before m	c, the undersigned officer, personally appeared Dale
E. Road, by and through his Attorney-in-Fact Mariene S. B	end, known to me (or satisfactorily proven) to be the
person whose name is subscribed to the within instrument, and	SCKDOMICOSCO TUSE DE EXECUTEU DE SEDE SOL DE

IN WITNESS WHEREOF, I hereunto set my hand and official seal.



Prepared By/Return to Ascent Resources - Utica, LLC at P.O. Box 13678, Okiahoma City, OK 73113

Instrument Book Pass 201700006520 OR 552 283

EXHIBIT "A"

Attached to and made part of that certain Memorandum of Oil and Gas Lease dated Nevember 9, 2817 by and between Dale E. Bond, a single man, by and through his Attorney-in-Fact Marlene S. Bond, as Lessor and Ascent Resources — Utien, LLC, P.O. Box 13678, Oklahoma City, OK 73113, as Lessee, to wit:

DESCRIPTION OF THE LEASED PREMINES

Township: 11 Range: 7

Section 32; As to Tax Parcel No: 20-0000067.000

and is bounded formerly or currently as follows:

On the North by lands of; Kenneth D. Ruttig

On the East by lands of: Crab Orchard Rd. On the South by lands of: Marlene S. Bond

On the West by lands of: Kenneth D. and Deborah S. Ruttig

Containing 40.00 acres and located in the Township of Londonderry, Guernaey County, State of Ohio, for the purposes of drilling, operating for, producing and removing oil and gas and all the constituents thereof. Said lands were conveyed to Lessor by virtue of deeds dated April 38, 1998 and recorded in said County and State in Official Records Book 183, Page 777 and by viture of deeds dated May 13, 2014 and recorded in said County and State in Official Records Book 516, Page 656 and by viture of deeds dated September 12, 2017 and recorded in said County and State in Official Records Book 550, Page 1178.

Township: 11 Range: 7 Section 32; As to Tax Percel No: 20-000081.000

and is bounded formerly or currently as follows:

On the North by lands of: Michael Todd Wallace On the East by lands of: Crab Orchard Rd. On the South by lands of: Michael Todd Wallace On the West by lands of: Michael Todd Wallace

Containing 2.375 acres and located in the Township of Londonderry, Guernsey County, State of Chio, for the purposes of drilling, operating for, producing and removing oil and gas and all the constituents thereof. Said lands were conveyed to Lessor by virtue of deeds dated April 30, 1996 and recorded in said County and State in Official Records Book 183, Page 777 and by viture of deeds dated May 13, 2014 and recorded in said County and State in Official Records Book 516, Page 656 and by viture of deeds dated September 12, 2017 and recorded in said County and State in Official Records Book 550, Page 1178.

Township: 11 Range: 7
Section 26; As to Tax Parcel No: 20-0001369.000

and is bounded formerly or currently as follows:

On the North by lands of: Marcia Gunn
On the East by lands of: Freeport Lodge #415
On the South by lands of: Ricky A. Hickman
On the West by lands of: Michael Todd Wallace

Containing 59.715 acres and located in the Township of Lendenderry, Guernsey County, State of Ohio, for the purposes of drilling, operating for, producing and removing oil and gas and all the constituents thereof. Said lands were conveyed to Lessor by virtue of deeds dated April 39, 1998 and recorded in said County and State in Official Records Book 183, Page 777 and by viture of deeds dated May 13, 2014 and recorded in said County and State in Official Records Book 516, Page 656 and by viture of deeds dated September 12, 2017 and recorded in said County and State in Official Records Book 550, Page 1178.

END